Microsoft 98-361

Software Development Fundamentals

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QUESTION NO: 1

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You have been asked to create a new program for ABC.com. Prior to creating the new program, you plan to create an algorithm to fully comprehend how the processes of the program must run. The algorithm will list the required actions for completing a process in the appropriate sequence.

You are informed that your method for creating the algorithm should be as simple, and clear as possible.

What option should you use?

A. You should consider making use of the flowchart method.
B. You should consider making use of the pivotchart method.
C. You should consider making use of the data table method.
D. You should consider making use of the XML method.

Answer: A
Explanation:

QUESTION NO: 2

You are employed as a developer at ABC.com. You are creating a .NET Framework application.

You have been instructed to make sure that you make use of Common Intermediate Language (CLI) for programming the application.

What options are TRUE with regards to CLI? (Choose all that apply.)

A. CIL is the highest-level human-readable programming language defined by the Common Language Infrastructure specification.
B. CIL is the highest-level human-readable programming language defined by the Common Language Infrastructure specification.
C. CIL is an object-oriented assembly language, and is entirely stack-based.
D. CIL is an object-oriented assembly language, but is not stack-based.

Answer: A,C
Explanation:

QUESTION NO: 3

You are employed as a developer at ABC.com. You make use of Visual Basic .Net for development purposes.

You have written the code shown below for declaring an array of a new application:

Dim myArray as String = { apples, pears, plums, grapes, oranges, bananas}

You want to return the third item in your array.

What code would you employ?

A. myArray[1]
B. myArray[2]
C. myArray[3]
D. myArray[4]
E. myArray[5]
F. myArray[6]

Answer: B
Explanation:

QUESTION NO: 4

You are employed as a developer at ABC.com. You are in the process of creating code for a method that does not retrieve a value for the calling code.

You want to make sure that this is reflected when declaring the method.

What option should you use?

A. You should consider making use of the void keyword in the method declaration.
B. You should consider making use of the sealed C# statement in the method declaration.
C. You should consider making use of the internal C# statement in the method declaration.
D. You should consider making use of the public C# statement in the method declaration.
E. You should consider making use of the protected C# statement in the method declaration.

Answer: A
Explanation:

QUESTION NO: 5

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You have received instructions to create a new program for ABC.com using C#. You are informed that the new program should allow for intricate multi-way branching. Furthermore, the code used must not be difficult to make sense of.

What is the option you should use?

A. You should consider making use of the foreach C# statement.
B. You should consider making use of the while C# statement.
C. You should consider making use of the protected C# statement.
D. You should consider making use of the switch C# statement.

Answer: D
Explanation:

QUESTION NO: 6

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You have been tasked with creating a new program for ABC.com using C#. The new program will iterate throughout an assortment of lists and arrays. Every element in this assortment must be processed just one time.

You are then informed that reading and debugging your code should not be difficult.

What action should you take?

A. You should consider making use of the switch C# statement as part of your code.
B. You should consider making use of the void keyword as part of your code.
C. You should consider making use of the foreach C# statement as part of your code.
D. You should consider making use of the interface keyword as part of your code.

Answer: C
Explanation:

QUESTION NO: 7

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You have been instructed to create a new application for ABC.com using C#. The new application must process a loop repeatedly for precisely 7 times.

Which of the following represents the code you should write?

A. int count = 1;
while (count <= 7)
{
Console.WriteLine("The value of count = {0}", count);
count++;
}
B. int count = 0;
while (count <= 7)
{
Console.WriteLine("The value of count = {7}", count);
count++;
}
C. int count = 1;
while (count <= 7)
{
Console.WriteLine("The value of count = {7}");
count++;
}
D. int count = 0;
while (count <= 7)
{
Console.WriteLine("The value of count = {0}");
count++;
}

Answer: A
Explanation:

QUESTION NO: 8

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You have been instructed to create a new program for ABC.com. The program should be able to affect integer values, which may be positive or negative and be greater than twelve characters.

You have to make sure that you are able to store this type of variable.

What is the option you should take?

A. You should consider making use of the static data type.
B. You should consider making use of the string data type.
C. You should consider making use of the private data type.
D. You should consider making use of the long data type.

Answer: D
Explanation:

QUESTION NO: 9

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You have been instructed to create a new application that should include a recursive method that computes the factorial of a number.

You have written the following code for the method:

01: public static int Factorial(int n)

02: {

03: if (n == 0)

04: {

05: return 1;

06: }

07: else

08: {

09:

10: }

11: }

You have to insert suitable code at line 09 to make sure that the proper outcome is reached.

What line of code should be inserted?

A. return n * Factorial(n - 1);
B. return n;
C. return n * Factorial(n - 0);
D. return 0;

Answer: A
Explanation:

QUESTION NO: 10

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You are writing code for a new ABC.com application. The code includes the while statement.

You want to make sure that a control enters the while loop six times.

Which of the following suitably represents the written code?

A. int count = 0;
while (count < 6)
{
when (count == 6)
break;
count++;
}
B. int count = 0;
while (count < 7)
{
if (count == 5)
break;
count++;

}
C. int count = 1;
while (count < 6)
{
if (count == 6)
break;
count++;
}
D. int count = 1;
while (count < 7)
{
when (count == 5)
break;
count++;
}

Answer: B
Explanation:

QUESTION NO: 11

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You have been instructed to create a new program for ABC.com. You have to include a repetition structure that allows for the termination condition test to execute at the bottom of the loop not the top.

What action should you take?

A. You should consider making use of the public C# statement.
B. You should consider making use of the sealed C# statement.
C. You should consider making use of the private C# statement.
D. You should consider making use of the do-while C# statement.

Answer: D
Explanation:

QUESTION NO: 12

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You have been instructed to create a program that includes code that allows the program to iterate a set amount of times. Regardless of whether the loop body includes complex code, the written code should be understandable and easily maintainable.

What option should you use?

A. You should consider making use of the public C# statement.
B. You should consider making use of the for C# statement.
C. You should consider making use of the private C# statement.
D. You should consider making use of the sealed C# statement.

Answer: B
Explanation:

QUESTION NO: 13

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You have received instructions to create a method for determining the concession for products ABC.com sold. A variable, named percentValue, is of the type double and must be only be available in the method.

Which of the following actions should you take?

A. You should consider making use of the private access modifier for distinguishing the percentValue variable.
B. You should consider making use of the void access modifier for distinguishing the percentValue variable.
C. You should consider making use of the string access modifier for distinguishing the percentValue variable.
D. You should consider making use of the protected access modifier for distinguishing the percentValue variable.

Answer: A
Explanation:

QUESTION NO: 14

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You are planning to make use of an InitFields method that obtains two parameters of data type double, but does not retrieve a value for the calling code.

You start writing code to define the InitFields method as shown below:

public void InitFields(double l, double w)

What code should you use to complete the code?

A. {
retrieve length + width;
}
B. {
length = l;
width = w;
}
C. {
retrieve length - width;}
D. {
retrieve length + width;
}

Answer: B
Explanation:

QUESTION NO: 15

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You are in the process of creating a class that makes use of a method using the virtual modifier.

Which of the following is TRUE with regards to the virtual modifier? (Choose all that apply.)

A. You are unable to make use of the virtual modifier with the static, abstract, private or override modifiers.
B. You are able to make use of the virtual modifier with the static, abstract, private or override modifiers.

C. The use of the virtual modifier prevents inheritance of the class.
D. The virtual modifier is used in a class declaration to indicate that a class is intended only to be a base class of other classes.

Answer: A
Explanation:

QUESTION NO: 16

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You are in the process of defining a class to provide functionality for executing custom pivot transforms on big data sets. You have been informed that derived classes should be prevented from inheriting the functionality of the class.

What action should you take?

A. You should consider making use of the sealed keyword.
B. You should consider making use of the static keyword.
C. You should consider making use of the public keyword.
D. You should consider making use of the int keyword.

Answer: A
Explanation:

QUESTION NO: 17

You are employed as a developer at ABC.com. You are in the process of creating a new application that includes numerous classes, with dissimilar algorithms.

You have been instructed to make sure that these classes are configured to print, regardless of their dissimilar algorithms.

Which of the following actions should you take?

A. You should consider developing a classified interface that is employed by all of the classes.
B. You should consider configuring a customized interface for each class.
C. You should consider configuring a unique interface for each class.
D. You should consider developing a common interface that is employed by all of the classes.

Answer: D
Explanation:

QUESTION NO: 18

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You are in the process creating a class, named ABCMovies. You want to make sure that you have the ability to retrieve a list of all movies, which are arranged by the producer's surname.

You have to make sure that this feature of the class is suitably classified by the code you insert.

What action should you take?

A. You should consider making use of a method.
B. You should consider making use of an element.
C. You should consider making use of the while statement.
D. You should consider making use of the foreach statement.

Answer: A
Explanation:

QUESTION NO: 19

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You have been instructed to create a new class. The new class must allow for the immediate initialization of its data members every time an object of the class is created.

Which of the following actions should you take?

A. You should consider creating an element in the class.
B. You should consider creating a constructor in the class.
C. You should consider creating a customized interface for the class.
D. You should consider developing a common interface for the class.

Answer: B
Explanation:

QUESTION NO: 20

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You are in the process of developing a new derivative of the Shape class. The Shape class makes use of public virtual void to define the Area method.

You want to make sure that the Area method in the Shape class allows for new operations, while keeping the execution of the Area method of the Shape class concealed.

What option should you use?

A. You should consider defining the Area method for the derivative of the Shape class using public new void.
B. You should consider defining the Area method for the derivative of the Shape class using private new void.
C. You should consider defining the Area method for the derivative of the Shape class using public sealed void.
D. You should consider defining the Area method for the derivative of the Shape class using private sealed void.

Answer: A
Explanation:

QUESTION NO: 21

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You are instructed to develop a new Rectangle class. The new class should allow for Rectangle objects to be compared.

What option suitably represents the necessary code?

A. class Rectangle : IConvertible
{
public double Length { get; set; }
public double Width { get; set; }
public double GetArea()

```
{
return Length * Width;
}
public intCompareTo(object obj)
{
Rectangle target = (Rectangle)obj;
double diff = this.GetArea() - target.GetArea();
if (diff == 0)
return 0;
else if (diff > 0)
return 1;
else return -1;
}
}
```

B. class Rectangle : IComparable
```
{
public Length { get; set; }
public Width { get; set; }
public GetArea()
{
return Area;
}
public intCompareTo(object obj)
{
Rectangle target = (Rectangle)obj;
double diff = this.GetArea() - target.GetArea();
if (diff == 0)
return 0;
else if (diff > 0)
return 1;
else return -1;
}
}
```

C. class Rectangle : IComparable
```
{
private double Length { get; set; }
private double Width { get; set; }
private double GetArea()
{
return Length * Width;
}
private intCompareTo(object obj)
{
Rectangle target = (Rectangle)obj;
double diff = this.GetArea() - target.GetArea();
if (diff == 0)
return 0;
```

```
else if (diff > 0)
return 1;
else return -1;
}
}
```

D. class Rectangle : IComparable

```
{
private Length { get; set; }
private Width { get; set; }
private GetArea()
{
return Area;
}
private intCompareTo(object obj)
{
Rectangle target = (Rectangle)obj;
double diff = this.GetArea() - target.GetArea();
if (diff == 0)
return 0;
else if (diff > 0)
return 1;
else return -1;
}
}
```

Answer: A
Explanation:

QUESTION NO: 22

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You are in the process of creating an application using C#. You have just developed a class that has the same name as a class in a third-party library you are using.

You are informed that making use of this class in your code should not affect the clarity of your code.

What action should you take?

A. You should consider including the namespace C# keyword in your code.

B. You should consider including the int C# keyword in your code.

C. You should consider including the void C# keyword in your code.

D. You should consider including the static C# keyword in your code.

Answer: A

Explanation:

QUESTION NO: 23

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You have received instructions to create a new C# program for ABC.com. You want to write code that declares members that belong to the actual class, not to specific objects.

What is the action you should take?

A. You should consider making use of an abstract keyword.

B. You should consider making use of a string keyword.

C. You should consider making use of a virtual keyword.

D. You should consider making use of a static keyword.

Answer: D

Explanation:

QUESTION NO: 24

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You are in the process of creating a new program using C#. Your code has to include an element that meets the following requirements:

•Specifies the template for an object.

•Must be a characterization of a new data type.

What action should you take?

A. You should consider including a class.

B. You should consider including a delegate.

C. You should consider including a method.
D. You should consider including a property.

Answer: A
Explanation:

QUESTION NO: 25

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You have been instructed to develop a new Windows application for ABC.com. You are in the process of defining a new class. You want to make sure that code outside the assembly is prevented from accessing the class. Code packaged in the same assembly should however have the ability to access this class, regardless of whether they inherit directly or indirectly from the class.

What action should you take?

A. You should consider declaring the class using the public access modifier
B. You should consider declaring the class using the void access modifier
C. You should consider declaring the class using the private access modifier
D. You should consider declaring the class using the string access modifier

Answer: C
Explanation:

QUESTION NO: 26

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You have been instructed to develop a new Windows application for ABC.com. You are in the process of defining a new common base class that must be used by various derived classes. You want to declare the new base class

What is the option you should use?

A. You should consider making use of the actual keyword.
B. You should consider making use of the limit keyword.
C. You should consider making use of the interface keyword.

D. You should consider making use of the concrete keyword.

Answer: C
Explanation:

QUESTION NO: 27

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You have been instructed to develop a new Windows application for ABC.com. You have decided to make use of the inheritance object oriented programming concept.

What will this allow for?

A. It will enable derived classes to share common functionality with base classes, but prevent them from defining their own unique behavior.
B. It will prevent derived classes from sharing common functionality with base classes, while allowing them to define their own unique behavior.
C. It will prevent derived classes to share common functionality with base classes, and also prevent them from defining their own unique behavior.
D. It will enable derived classes to share common functionality with base classes, while allowing them to define their own unique behavior.

Answer: D
Explanation:

QUESTION NO: 28

You are employed as a software system developer at ABC.com.

You are in the process of developing a new software system for ABC.com. You are asked to identify the steps required in the development process.

What option suitably describes the FIRST step?

A. You should consider performing a requirements analysis.
B. You should consider choosing a suitable design model.
C. You should consider selecting a suitable backup strategy.
D. You should consider selecting a release date.

Answer: A
Explanation:

QUESTION NO: 29

You are employed as a software system developer at ABC.com.

You are preparing the development of a new software system for ABC.com. You are currently analyzing the results of the design process, prior to development.

What options form part of the results you are analyzing?

A. Plans.
B. Modes.
C. Architecture.
D. Hardware application.

Answer: A,B
Explanation:

QUESTION NO: 30

You are employed as a software system developer at ABC.com.

You have received a request for the development of a new software system. You require the assistance of various types of developers during the development process, of which one is an architect.

What is the purpose of an architect?

A. An architect develops system content.
B. An architect develops the system's technical blueprint.
C. An architect deals with quality control.
D. An architect develops system manuals and help files.

Answer: B
Explanation:

QUESTION NO: 31

You are employed as a software system developer at ABC.com.

You have received a request for the development of a new software system. You require the assistance of various types of developers during the development process, of which one is a technical writer.

What is the purpose of a technical writer?

A. A technical writer develops system content.
B. A technical writer develops the system's technical blueprint.
C. A technical writer deals with quality control.
D. A technical writer develops system manuals and help files.

Answer: D
Explanation:

QUESTION NO: 32

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You have been instructed to create a new program for ABC.com. You have reached the testing stage of the development process.

What is the reason for the testing stage?

A. It allows you to ascertain whether the program execution meets the initial requirements.
B. It allows you to optimize the program for performance and security.
C. It allows you to employ a data structure that serves as a buffer for overflow capacity.
D. It allows you to analyze the packaging, deployment, delivery, and support plan for the program.

Answer: A
Explanation:

QUESTION NO: 33

You are employed as a software system developer at ABC.com.

You have received a request for the development of a new software system. You require the assistance of various people during the development process, of which one is a release manager.

What is the purpose of a release manager?

A. A release manager develops system content.
B. A release manager creates a rollout plan and certifies release candidates for shipment or deployment.
C. A release manager deals with quality control.
D. A release manager develops system manuals and help files.

Answer: B
Explanation:

QUESTION NO: 34

You are employed as a developer at ABC.com. You have been instructed to create a new program for ABC.com.

You want to make sure that when you fix a problem with the program, it does not negatively affect the rest of the program.

You need to employ a suitable testing strategy.

What option should you use?

A. Merger.
B. Improvement.
C. Rejection.
D. Regression.

Answer: D
Explanation:

QUESTION NO: 35

You are employed as a senior developer at ABC.com. You are responsible for running training exercises for junior developers.

During one of the training exercises, you are discussing testing. You are explaining what white-box testing entails.

What is TRUE with regards to white-box testing? (Choose all that apply.)

A. White-box testing allows for testing every imaginable combination of end-user activities.
B. White-box testing requires the creation test cases by studying the code to identify any possible failure scenarios.
C. You are allowed to make use of sample applications to integrate and test the application block for white box testing.
D. White-box testing is also known as glass box, clear box, and open box testing.

Answer: B,D
Explanation:

QUESTION NO: 36

You are employed as a senior developer at ABC.com. You are responsible for running training exercises for junior developers.

During one of the training exercises, you are discussing testing. You are explaining what black-box testing entails.

What is TRUE with regards to black-box testing? (Choose all that apply.)

A. Black-box testing allows for testing every imaginable combination of end-user activities.
B. Black-box testing requires the creation test cases by studying the code to identify any possible failure scenarios.
C. You are allowed to make use of sample applications to integrate and test the application block for black box testing.
D. Black-box testing is also known as glass box, clear box, and open box testing.

Answer: A,C
Explanation:

QUESTION NO: 37

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You have been instructed to create a new program for ABC.com. You are planning to make use of a queue data structure.

Which of the following options are TRUE with regards to the queue data structure?

A. It is a contiguous collection of data items that can be accessed by an ordinal index.

B. It does not allow random access.
C. It does not support chaining, splitting, cycles, or other features that can leave the queue in a conflicting state.
D. It is the most commonly used data structure.

Answer: B
Explanation:

QUESTION NO: 38

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You have been instructed to create a new program for ABC.com. You are planning to make use of a stack data structure.

Which of the following options are TRUE with regards to the stack data structure?

A. It is a contiguous collection of data items that can be accessed by an ordinal index.
B. It does not support chaining, splitting, cycles, or other features that can leave the stack in a conflicting state.
C. It processes items on a first come, last served system.
D. It is the most commonly used data structure.

Answer: C
Explanation:

QUESTION NO: 39

You are employed as a developer at ABC.com. ABC.com makes use of SQL Server databases in their environment.

ABC.com has an application that employs a queue data structure for influencing data. A fellow developer, named Kara Lang, wants to know if the queue includes a data item without having to process the data item.

What option would you use?

A. You should consider making use of the contains queue operation.
B. You should consider making use of the holds queue operation.

C. You should consider making use of controls queue operation.
D. You should consider making use of retains queue operation.

Answer: A
Explanation:

QUESTION NO: 40

You are employed as a developer at ABC.com.

You have created a new application for ABC.com. The new application makes use of a stack data structure to handle data.

You want to perform a queue operation that enables you to locate the data item that is next in line for processing, without processing that data item.

What option should you make use of?

A. You should consider making use of the view queue operation.
B. You should consider making use of the glance queue operation.
C. You should consider making use of the peek queue operation.
D. You should consider making use of the stare queue operation.

Answer: C
Explanation:

QUESTION NO: 41

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You are in the process of developing a new application. You are making use of an algorithm in your code that requires making use of the comparison and swap techniques.

What algorithm are you using?

A. MergeSort
B. BubbleSort
C. BitonicSort
D. CounterSort

Answer: B
Explanation:

QUESTION NO: 42

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You are in the process of developing a new application for ABC.com. The application must make use of a list that has multiple nodes. You link the application to only the head node.

What is TRUE for this scenario?

A. It allows you to navigate all of the list's nodes.
B. It prevents you from navigating to any list node.
C. It prevents you from randomly accessing the list's items.
D. It allows you to store linked list items in a contiguous memory location.

Answer: A
Explanation:

QUESTION NO: 43

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You have been instructed to create a new ABC.com application that makes use of a data structure that satisfies the following requirements:

•Prohibits random access to its items.

•Are extremely fast in executing insert and delete operations.

•Are not stored in contiguous memory locations.

What data structure should you make use of?

A. An array data structure.
B. A linked list data structure.
C. A stack data structure.
D. A queue data structure.

Answer: B
Explanation:

QUESTION NO: 44

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You are creating a new application using a doubly linked list data structure.

What is a TRUE statement with regards to this type of data structure?

A. Doubly linked lists are able to store each of the elements they contain in different and unrelated storage locations.
B. It allocates all elements contiguously in memory, and keeps a count of the current number of elements.
C. It allows one to handle the structure by a single pointer, instead of two.
D. You are able insert or delete a node in a constant number of operations given only that node's address.

Answer: A
Explanation:

QUESTION NO: 45

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You have received instructions to create a Web page for ABC.com. You are planning to make use of Cascading Style Sheet (CSS) for the Web page.

What is TRUE with regards to using Cascading Style Sheet (CSS)?

A. It defines how elements are presented and where they are placed on the Web page.
B. It consists of a directive, which could extended with one or more attributes, within angle brackets.
C. It is used is used to create interactive web applications that are supported by the Netscape browser.
D. It is a collection of documents containing cross-reference links that can be used interactively by a user to move directly from one topic to another.

Answer: A
Explanation:

QUESTION NO: 46

You are employed as a developer at ABC.com. You make use of C# and ASP.NET for development purposes.

You have recently developed a Web page for ABC.com. ABC.com has informed that a picture that resides on a different web server must be presented to users when they access the Web page. The picture can be retrieved via a public URL.

What action should you take?

A. You should consider making use of the <IMG> HTML tag.
B. You should consider making use of the <HTTP> HTML tag.
C. You should consider making use of the <PIC> HTML tag.
D. You should consider making use of the <URL> HTML tag.

Answer: A
Explanation:

QUESTION NO: 47

You are employed as a developer at ABC.com. You are in the process of creating a new Web page for ABC.com.

You are planning to set the HREF attribute of an anchor element.

What is TRUE with this setting?

A. It defines the shape, coordinates, and related URL of a single hyperlink region within a client-side image map
B. It allows you to create hyperlinks on your web page to access other pages on the Internet.
C. It enables the current document to establish links to external documents.
D. It inserts an image or a video clip in the document.

Answer: B
Explanation:

QUESTION NO: 48

You are employed as a developer at ABC.com. You are in the process of creating a new Web page for ABC.com.

You have written JavaScript code for your Web site in a different file. You then set the SRC attribute of the <SCRIPT> tag to connect to the JavaScript file.

Which of the following options describe your reasons for doing this? (Choose all that apply.)

A. It will allow you to make sure that Web pages take the least time to load.
B. It will prevent you from altering the JavaScript code.
C. It will allow you to alter the JavaScript code using the least number of actions.
D. It will increase the amount of data transmitted over the network.

Answer: A,C
Explanation:

QUESTION NO: 49

You are employed as a senior developer at ABC.com. ABC.com makes use of ASP.NET for developing Web applications.

You are currently running a training exercise for potential developers. You are discussing the aspnet_wp.exe worker process.

What is TRUE with regards to the aspnet_wp.exe worker process? (Choose all that apply.)

A. It is only used in IIs 6.0.
B. It is responsible for supporting the ASP.NET functionality.
C. It is considered an application pool process.
D. It is used in IIS 5.0 and earlier.

Answer: B,D
Explanation:

QUESTION NO: 50
You are employed as a developer at ABC.com. You are using ASP.NET to develop a new Web

page for ABC.com.

You have recently written code for a Page_Load method. You then configured the AutoEventWireup attribute of the @page directive to be TRUE.

Which of the following describes the results of this configuration?

A. The Page_Load method will be performed as soon as the Load event of the Web page is fired.
B. The Page_Load method will be prevented from completing.
C. The Page_Load method will be validated prior to firing.
D. The Page_Load method will not be validated prior to firing.

Answer: A
Explanation:

QUESTION NO: 51

You are employed as a developer at ABC.com. You are using ASP.NET and C# to develop a new Web site for ABC.com.

The Web site will be used to find places of interest. You are instructed to make sure that the Web pages presents a list, in the bottom left-hand side, of the places of interest that were browsed in recent times. Furthermore, you are informed that the browsing data should be accessible to all Web pages, even if the user restarts the browser.

You want to complete your task using as little administrative effort, and without making use of server side resources.

What option should you take?

A. You should consider making use of the browser's History tab.
B. You should consider making use of the browser's Favorites tab.
C. You should consider making use of cookies.
D. You should consider making use of the browser's Feeds tab.

Answer: C
Explanation:

QUESTION NO: 52

You are employed as a developer at ABC.com. You make use of ASP.NET and C# for development purposes.

ABC.com has an Internet Information Services (IIS) server, named ABC-SR07, which hosts a newly developed Web application. You are then informed that you must ensure that all ABC.com's staff is able to make use of the new Web application.

Which of the following actions should you take?

A. You should consider making sure that all client workstations have Windows 7 installed.
B. You should consider making sure that all client workstations have the necessary hardware requirements.
C. You should consider making sure that all client workstations are password protected.
D. You should consider making sure that all client workstations have a suitable Web browser installed.

Answer: D
Explanation:

QUESTION NO: 53

You are employed as a developer at ABC.com. You are in the process of creating a Web service using ASP.NET.

You have attached the WebMethod attribute to a Public method.

Which of the following options describe your reasons for doing this? (Choose all that apply.)

A. It specifies that you want to expose the method as part of the Web service.
B. It prevents you from exposing the method as part of the Web service.
C. It allows you to make use of the properties of this attribute to further configure the behavior of the Web service method.
D. Further configuration of the behavior of the Web service method is disallowed.

Answer: A,C
Explanation:

QUESTION NO: 54

You are employed as a developer at ABC.com. ABC.com uses Visual Studio in their business.

You recently made use of C# to develop a new Web service that supports mapping data.

You want to make sure that the Web service produces the proper output using the least amount of effort.

Which of the following actions should you take?

A. You should analyze the test page that is shown in the Web browser after using Visual Studio to execute the Web services project.
B. You should consider making use of white-box testing.
C. You should consider making use of black-box testing.
D. You should consider making use of alpha testing -box testing.

Answer: A
Explanation:

QUESTION NO: 55

You are employed as a developer at ABC.com. You are using ASP.NET to develop a new Web application, named ABCWebApp for ABC.com.

ABCWebApp makes use of a Web service to obtain data. You want to make sure that you are able to make use of the methods of this Web service inside ABCWebApp by creating the client-side proxy classes.

Which of the following actions should you take?

A. You should consider inserting the reference in the machine.config file
B. You should consider inserting the reference in the app.config file
C. You should consider inserting the reference in the Web.config file.
D. You should consider configuring a Web reference to identify the Web service.

Answer: D
Explanation:

QUESTION NO: 56

You are employed as a developer at ABC.com. You have received instructions to create a new Windows application for ABC.com.

You are informed that the application should include a unique user interface element that allows for user contribution. Furthermore, you are informed that a number of additional applications will be employing this unique user interface.

You have noticed that the Visual Studio toolbox does not have suitable tools to complete your task. You then decide to create the necessary code from scratch.

What option should you make use of?

A. You should consider generating a custom control for the unique user interface.
B. You should consider generating a Web Form
C. You should consider generating a Windows Service.
D. You should consider generating a new User Form.

Answer: A
Explanation:

QUESTION NO: 57

You are employed as a developer at ABC.com. You have been instructed to create a user interface component for a new ABC.com application.

You are required to make use of an event programming construct.

What is the reason for this?

A. It allows the user interface component the react to user actions.
B. It prevents the user interface component from reacting to user actions.
C. It allows the user interface component to send messages to the Event Log.
D. It prevents the user interface component from sending messages to the Event Log.

Answer: A
Explanation:

QUESTION NO: 58

You are employed as a developer at ABC.com. You have received instructions to create a new Windows application for ABC.com.

You are planning to create a Single Document Interface (SDI) application.

What option is TRUE with regards to using Single Document Interface (SDI)?

A. It is made up of one or more independent windows, which appears separately on the Windows desktop.
B. It is made up of a single main window, and the application's windows are contained within or float on top of the main window.
C. It is an interface that enables business managers to track and manage all the business processes from SharePoint Team Services.
D. It includes only the signatures of methods, delegates or events.

Answer: A
Explanation:

QUESTION NO: 59

You are employed as a developer at ABC.com. You have been instructed to create a new application for ABC.com. The application must be configured to update records on a daily basis.

The application should be configured to store error messages that take place while the application is running in a .txt file. You should also make sure that the application starts automatically, without human input.

You have been informed that your solution should reduce the amount of processes required for development, installation, and updates.

What option should you use?

A. You should consider developing a custom control.
B. You should consider developing a stored procedure.
C. You should consider developing a custom user interface.
D. You should consider developing a console application.

Answer: D
Explanation:

QUESTION NO: 60

You are employed as a developer at ABC.com. You have received instructions to create a new application for entering data.

You have been informed that users will enter data via a keyboard or a bar-code scanner. Furthermore, an image of an item must be displayed onscreen as soon as a code is entered.

To keep an eye on communication with the bar-code scanner, the application must log its operation to a console window.

Which of the following actions should you take?

A. You should consider creating a Windows Service application project, and configuring the Output type as Console Application.
B. You should consider creating a Windows Forms application project with the Output type set to Console Application.
C. You should consider creating a Web application project with the Output type set to Windows Forms Application.
D. You should consider creating a Console Application project with the Output type set to Windows Forms.

Answer: B
Explanation:

QUESTION NO: 61

You are employed as a developer at ABC.com.

You have been instructed to create a new application for ABC.com. You want to make sure that the application allows for:

•Internet communication via Electronic Data Interface (EDI).

•Continual execution in the background.

•Messages to be written to the Windows application event log, and has no user interface.

•A user to log off without interrupting the application's processes.

What option should you make use of?

A. You should consider creating a Windows Service application.
B. You should consider creating an Active Directory application.
C. You should consider creating a Federated application.
D. You should consider creating a Global Service application.

Answer: A
Explanation:

QUESTION NO: 62

You are employed as a developer at ABC.com.

You have recently created a new application for ABC.com. Messages written by the new application will be stored in the Windows application event log of the local workstation.

You want to examine these messages on a daily basis.

What option should you make use of?

A. You should consider accessing the Event Viewer on the local workstation.
B. You should consider accessing the app.config file on the local workstation.
C. You should consider accessing the machine.config file on the local workstation.
D. You should consider accessing the web.config file on the local workstation.

Answer: A
Explanation:

QUESTION NO: 63

You are employed as a developer at ABC.com. You are making use of .NET Framework 4.5 to develop Windows service applications.

You have been instructed to create a new service application for ABC.com. Your code will include the System.ServiceProcess.ServiceInstaller class.

What is a TRUE statement with regards to this class?

A. It installs an executable containing classes that expand ServiceBase.
B. It installs a class that expands ServiceBase to execute a service.
C. It specifies a description for a property or event.
D. It permits declarative service controller permission checks.

Answer: B
Explanation:

QUESTION NO: 64

You are employed as a developer at ABC.com.

You have been instructed to create an order processing Windows service application. Your solution should allow for the postponement of the process when system maintenance is required, as well as the resumption of the process subsequent to the maintenance being completed.

Which of the following actions should you take?

A. You should consider configuring the CanPauseAndContinue property of the service to true.
B. You should consider configuring the CanShutdown property of the service to false.
C. You should consider configuring the CanStop property of the service to true.
D. You should consider configuring the ExitCode property of the service to true.

Answer: A
Explanation:

QUESTION NO: 65

You are employed as a developer at ABC.com. ABC.com makes use of SQL Server databases in their environment.

You have been instructed to create a Windows service application for ABC.com. The application will include a trio of Windows services that are dissimilar.

You want to make sure that the services are operational by installing them prior to use. You are then informed that the services must be installed using a suitable Windows installer tool.

Which of the following actions should you take?

A. You should consider configuring the Windows service project to include an application installer.
B. You should consider configuring the Windows service project to include an SMS installer.
C. You should consider configuring the Windows service project to include a Custom Installation Wizard.
D. You should consider configuring the Windows service project to include a service installer.

Answer: D
Explanation:

QUESTION NO: 66

You are employed as a developer at ABC.com. ABC.com makes use of SQL Server databases in their environment.

You have been instructed to create a new windows program for ABC.com. The program must be able to record messages in the event log. You have decided to include the Source property of the EventLog class in your code.

Which of the following best describes the purpose of the Source property in the EventLog class?

A. The Source property is used to set the source name to register and use when writing to the event log.
B. The Source property is used to set the object used to marshal the event handler calls issued as a result of an EventLog entry written event.
C. The Source property is used to set the name of the log to read from or write to.
D. The Source property is used to set the contents of the event log.

Answer: A
Explanation:

QUESTION NO: 67

You are employed as a developer at ABC.com. ABC.com makes use of SQL Server in their environment.

You have been instructed to create a Windows service. This Windows service must have the ability to retrieve data hosted by the Windows Registry.

What action should you take?

A. You should consider executing this service using the LocalSystem account.
B. You should consider executing this service using the GlobalSystem account.
C. You should consider executing this service using the Admin account.
D. You should consider executing this service using the GlobalService account.

Answer: A
Explanation:

QUESTION NO: 68

You are employed as a developer at ABC.com. You are making use of .NET Framework 4.5 to develop Windows Forms applications.

You have just completed creating a new Windows Forms application for ABC.com. You are preparing to configure the IsMdiContainer property of the form.

Which of the following is TRUE with regards to this configuration?

A. It enables you to alter the display and performance of the form to an MDI parent form.
B. It obtains a value indicating whether the form is a MDI child form.
C. It prevents you from altering the display and performance of the form to an MDI parent form.
D. It obtains a value indicating whether the form is a MDI parent form.

Answer: A
Explanation:

QUESTION NO: 69

You are employed as a developer at ABC.com.

You have receive instructions to create a new multiple document interface (MDI) Windows Form. You want to make sure that the code you create allows for the child windows to be displayed perpendicularly inside the client area of the MDI parent form.

What option should you use in your code?

A. You should consider making use of MdiLayout.TileVertical.
B. You should consider making use of MdiLayout.TilePerpendicular.
C. You should consider making use of MdiLayout.TileParallel.
D. You should consider making use of MdiLayout.TileDiagonal.

Answer: A
Explanation:

QUESTION NO: 70

You are employed as a developer at ABC.com.

You have been instructed to create a new command-line application for ABC.com. You want to make sure that you are able to retrieve a response from the command-line.

What option should you make use of?

A. You should consider making use of the Fill method.
B. You should consider making use of the StreamWriter class.
C. You should consider executing the Dfsutil.exe command.
D. You should consider making use of the Console.Read method.

Answer: D
Explanation:

QUESTION NO: 71

You are employed as a developer at ABC.com. ABC.com makes use of SQL Server databases in their environment.

You have recently created a Windows service for ABC.com. You are then instructed to run a newly created Windows service from the command-line.

What is the option you should take?

A. You should consider making use of the net start command.
B. You should consider making use of the Nslookup command.
C. You should consider making use of the net use command.
D. You should consider making use of the net config command.

Answer: A
Explanation:

QUESTION NO: 72

You are employed as a developer at ABC.com.

You have just completed the creation of a Windows service. You are now preparing to apply the

service by installing it.

What option should you use?

A. You should consider executing the Snmputil.exe command.
B. You should consider executing the Fed-Util.exe command.
C. You should consider executing the InstallUtil.exe command.
D. You should consider executing the Dfsutil.exe command.

Answer: C
Explanation:

QUESTION NO: 73

You are employed as a developer at ABC.com. ABC.com makes use of SQL Server in their environment.

You are creating a new application for ABC.com. The new application should be configured to ABC.com's client list in a .txt file.

You have been informed that your solution should allow for the file to be accessed by ordinary text editors. You have also been informed that the file should take up as little space as possible.

What action should you take?

A. You should consider making use of the DMLWriter class.
B. You should consider making use of the StreamWriter class.
C. You should consider making use of the DDLWriter class.
D. You should consider making use of the SSLWriter class.

Answer: B
Explanation:

QUESTION NO: 74

You are employed as a developer at ABC.com. You are using ASP.NET and C# to develop a new Web site for ABC.com.

You have created a new application for ABC.com using C#. The new application must be able to retrieve a single value from a ABC.com SQL Server database.

You want to make sure that this process takes as little time as possible.

What option should you make use of?

A. You should consider making use of the SqlCommand.ExecuteReader method.
B. You should consider making use of the SqlCommand.ExecuteScalar method.
C. You should consider making use of the SqlCommand.ExecuteXmlReader method.
D. You should consider making use of the SqlCommand.BeginExecuteXmlReader method.

Answer: B
Explanation:

QUESTION NO: 75

You are employed as a developer at ABC.com. ABC.com makes use of SQL Server in their environment.

ABC.com has a database table, named ABCItems. You want to make sure that obsolete items are expunged from ABCItems when you update it.

What action should you take?

A. You should consider making use of the FILL SQL statement.
B. You should consider making use of the DISCONTINUE SQL statement.
C. You should consider making use of the REFRESH SQL statement.
D. You should consider making use of the DELETE SQL statement.

Answer: D
Explanation:

QUESTION NO: 76

You are employed as a developer at ABC.com. ABC.com makes use of SQL Server databases in their environment.

You have been instructed to create a new program for ABC.com. the program must be able to return a list of data from a ABC.com database and allow you to view the returned data, regardless of whether you are linked to the SQL server or not.

What action should you take?

A. You should consider configuring the DataTable class to store the data.
B. You should consider configuring the DataSet class to store the data.
C. You should consider configuring the OleDbDataReader class to store the data.
D. You should consider configuring the StreamReader class to store the data.

Answer: B
Explanation:

QUESTION NO: 77

You are employed as a developer at ABC.com. ABC.com makes use of SQL Server databases in their environment.

You have been instructed to create a new program for ABC.com. This new program must be able to write information to a flat file.

You decide to include a BinaryWriter class in your code.

What is TRUE with regards to the BinaryWriter class?

A. It writes characters using an encoding value to convert the characters to bytes.
B. It allows characters to be read using an encoding value to convert the characters from bytes.
C. It writes basic types in binary to a stream and supports writing strings in a specific encoding.
D. It writes a forward-only stream of data rows to a data source.

Answer: C
Explanation:

QUESTION NO: 78

You are employed as a developer at ABC.com.

You have received instructions to create a new application for ABC.com. The new application must have the ability to duplicate information hosted by a ABC.com SQL server data table in a Dataset.

What action should you take?

A. You should consider making use of the Fill method in the written code.
B. You should consider making use of the Copy method in the written code.
C. You should consider making use of the Duplicate method in the written code.
D. You should consider making use of the ReturnData method in the written code.

Answer: A
Explanation:

QUESTION NO: 79

You are employed as a developer at ABC.com. ABC.com makes use of SQL Server databases in their environment.

You are currently running a training exercise for potential developers. You are in the process of discussing stored procedures.

What are options that suitably describe the advantages of making use of stored procedures in SQL Server? (Choose all that apply.)

A. Stored procedures can improve the security of your application.
B. Stored procedures prevent modular programming.
C. Stored procedures are created once, and can be called any number of times in your program.
D. Stored procedures are stored locally on client computers.

Answer: A,C
Explanation:

QUESTION NO: 80

You are employed as a developer at ABC.com. ABC.com makes use of SQL Server databases in their environment.

ABC.com has an application that contains a SqlDataAdapter object and an OleDbDataAdapter object. You are required to link up to a SQL Server database table. ABC.com's application contains a DataSet object for this specific table.

You want to make sure that data from the database is loaded into the DataSet object using a strategy that provides the most efficient execution.

What method should be included in your code?

A. You should consider making use of the Read method.
B. You should consider making use of the Get method.
C. You should consider making use of the Set method.
D. You should consider making use of the Fill method.

Answer: D
Explanation:

QUESTION NO: 81

You are employed as a developer at ABC.com.

ABC.com makes use of SQL Server in their environment.

You have created a new application for ABC.com that contains a SqlDataAdapter object. The SqlDataAdapter object has been linked to a table. You are planning to make use of the Fill method for returning information from the table.

You have been informed that the Fill method should access the SQL server database connection, read the data, and leave a closed connection.

What actions should you take? (Choose all hat apply.)

A. You should consider setting the Connection property of the SqlDataAdapter object to an applicable SQL Server database connection.
B. You should consider setting the Connection property of the SqlDataAdapter object to an applicable data table.
C. You should consider configuring the SQL Server database connection to be in a closed state.
D. You should consider configuring the SQL Server database connection to be in an open state.

Answer: A,C
Explanation:

QUESTION NO: 82

You are employed as a developer at ABC.com.

You are in the process of developing a new database for ABC.com. You are informed that the new database's tables should satisfy normalization rules for the first normal form.

What options suitable describes these rules for the first normal form? (Choose all that apply.)

A. Repeating groups in individual tables should be removed.
B. Separate tables should be created for arrays of values that pertain to multiple data.
C. A separate table should be created for every array of related data.
D. These tables should be linked with a foreign key.
E. Every array of related data should be identified with a primary key.
F. Fields that is not dependant on the foreign key should be removed.

Answer: A,C,E
Explanation:

QUESTION NO: 83

You are employed as a developer at ABC.com.

You are in the process of developing a new database for ABC.com. You are informed that the new database's tables should satisfy the following normalization rules:

•Repeating groups in individual tables should be removed.

•A separate table should be created for every array of related data.

•Every array of related data should be identified with a primary key.

•Separate tables should be created for arrays of values that pertain to multiple data.

•These tables should be linked with a foreign key.

What normal form is satisfied by these rules?

A. 1 NF
B. 2 NF
C. 3 NF
D. 4 NF

Answer: B
Explanation:

QUESTION NO: 84

You are employed as a developer at ABC.com.

You are in the process of developing a new database for ABC.com. You are informed that the new database's tables should satisfy normalization rules for the third normal form.

What option must be present to satisfy the third normal form?

A. Repeating groups in individual tables should be removed.
B. Separate tables should be created for arrays of values that pertain to multiple data.
C. A separate table should be created for every array of related data.
D. These tables should be linked with a foreign key.
E. Every array of related data should be identified with a primary key.
F. Fields that is not dependant on the foreign key should be removed.

Answer: F
Explanation:

QUESTION NO: 85

You are employed as a developer at ABC.com.

ABC.com makes use of SQL Server in their environment.

You have been instructed to develop a new ABC.com database. You are currently analyzing the normalization rules for the new database's tables. You then configure rules to ensure the following:

•That not a single column in the table is allowed to host multiple values in the same row of data.

•That the entire primary key determines the functionality of all non-key columns.

•That functional dependency is not shared by non-key attributes.

What prerequisites does this configuration allow for?

A. The prerequisites of 4NF.
B. The prerequisites of 3NF.
C. The prerequisites of 2NF.
D. The prerequisites of 1NF.

Answer: B
Explanation:

QUESTION NO: 86

You are employed as a developer at ABC.com. ABC.com makes use of SQL Server in their environment.

You have received instructions to create a relational database for a recently developed application. Part of the process requires specifying a suitable structure for the database.

What option is TRUE with regards to this process?

A. You should specify the necessary tables and rows.
B. Secondary keys for the tables must be selected.
C. You should specify the connection between tables.
D. Normalization does not form part of this process.

Answer: C
Explanation:

QUESTION NO: 87

You are employed as a developer at ABC.com. ABC.com makes use of SQL Server 2000 databases in their environment.

You are in the process of creating a new program for ABC.com using C#. The program must be configured to read data from a ABC.com database on a nightly basis. Thereafter, the data must be written to a flat file that must be sent to a ABC.com vendor.

You want to make sure that the data is returned minimum effect on the server, while enhancing operations.

What is the option you should use?

A. You should consider making use of the DataView class.
B. You should consider making use of the StreamReader class.
C. You should consider making use of the SqlDataReader class.
D. You should consider making use of the BinaryWriter class.

Answer: C
Explanation:

QUESTION NO: 88

You are employed as a developer at ABC.com. ABC.com makes use of SQL Server 2005 databases in their environment.

You want to make sure that all ABC.com's orders processed on the 8th May 2012 are returned by a query to the ABCOrders database table.

You start by writing the line of code shown below:

SELECT * FROM Orders

Which of the following is the line of code that would suitably complete the query?

A. WHERE OrderDate = '08/05/2012'
B. WHERE OrderDate = '8th May 2012'
C. IF OrderDate = '01/01/2011'
D. IF OrderDate = ''8th May 2012'

Answer: A
Explanation: