

## List the Primes

**Program Name:** primes.java**Input File:** primes.dat

Write a program that will list all the prime numbers in a given range. Remember, a prime number is one whose only integer divisors are itself and one.

**Input**

The input will consist of 1 to 20 data sets, one per line. Each data set will consist of two integers from 2 to 1000 separated by a single space. The first integer will always be less than or equal to the second because they indicate a range of integers that you will be searching for primes.

**Output**

List, in ascending order, the primes that occur in the indicated range (including the endpoints). If there are no primes in the indicated range, print the message, "No primes found!".

**Example Input File**

```
2 10
20 20
100 120
```

**Example Output To Screen**

```
2 3 5 7
No primes found!
101 103 107 109 113
```