SI@UCF: Java Course
Homework Assignment: Prime Time

A prime number is a number divisible by 1 and itself, and no other integers. For some reason, your younger sibling is obsessed with prime numbers and keeps on asking you whether or not various numbers are prime. Naturally you are annoyed at his silly questions and you decide that you are going to use your programming knowledge to put an end to all of this nonsense. You write him a program that asks the user for two pieces of input:

a) A lower bound (a positive integer)

b) A upper bound (a positive integer greater than the lower bound)

Using this information, your program prints out every prime number in between the lower and upper bound specified, inclusive.

Sample Input/Output
```
Enter the lower bound of your range.
10
Enter the upper bound of your range.
20
The prime numbers in between 10 and 20 are 11, 13, 17, 19.
```