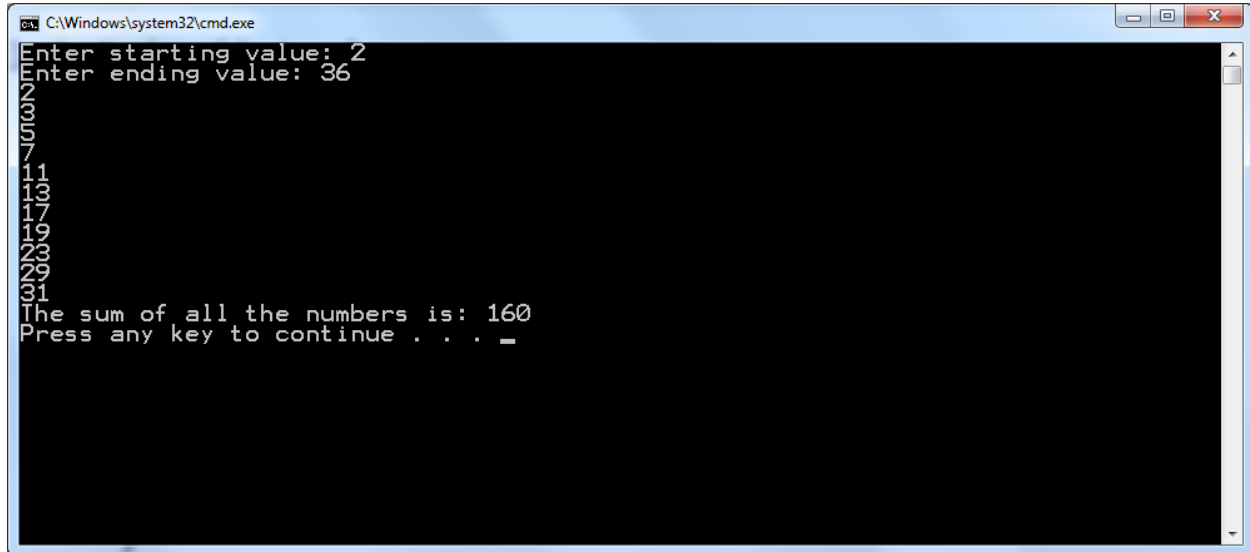


A prime number (or a prime) is a natural number (counting number) greater than 1 that has no positive divisors other than 1 and itself.

Write a C++ program that asks the user to input two integer values, a starting point and an ending point. Your program should then print out, one per line, all of the prime numbers between start and end including the end points (if they are prime). At the end of your list you should output the sum of all the printed numbers.

Your output should look something like this:



```
C:\Windows\system32\cmd.exe
Enter starting value: 2
Enter ending value: 36
2
3
5
7
11
13
17
19
23
29
31
The sum of all the numbers is: 160
Press any key to continue . . . _
```

Turn in your .cpp file on Blackboard.