Materials

- Arduino Uno

Background & Set-Up:

You will set up the Arduino to communicate with your computer using the Arduino's serial port bus that communicates over the USB connection. Use the Arduino-PC Serial Comms starter code to see how to set up the connection. To send a message to your Arduino from your PC, open the serial port monitor (Tools->Serial Port Monitor). Double-check to make sure the settings match your parameters you set up in your program.

Goal:

We want to write a program that will take an input range of numbers (say 75-100) and return a list of all the prime numbers in the range. You will have to iterate over the range and perform the math to check to see if each number is prime. We don't want to use a look-up table!

Input: "75-100" (consider it as inclusive i.e. check 75 & 100)
Output;

   "79
    83
    89
    97"