**Prime Numbers**

Purpose: Refresher for material covered in CS1.

*Programming Task*: You must write a method that will prompt the user for a number. Then you must find that many prime numbers and each one should be stored in an array and printed out. The output should be formatted as such:

*Please enter the amount of prime numbers you would like to find: 10*

*1: 2*

*2: 3*

*3: 5*

*4: 7*

*5: 11*

*6: 13*

*7: 17*

*8: 19*

*9: 23*

*10: 29*

*Programming Task Part 2:* You must write a method that will prompt the user for two numbers. The first number will determine how many prime numbers to store in an array and print out. The second will determine how many prime numbers to print on each row of output. The output should be formatted as such:

*Please enter the amount of prime numbers and number of numbers per row you would like to find: 15, 5*

*1 through 5: 2, 3, 5, 7, 11*

*6 through 10: 13, 17, 19, 23, 29*

*11 through 15: 31, 37, 41, 43, 47*