Nested loop problems

1. Modify the Prime Numbers code given in class today (also available in my Box.com folder called allPrimes.py) to print out the first 50 prime numbers, rather than just the prime numbers less than 100.

   Once that works, make your output look like:

```
  2   3   5   7  11  13  17  19  23  29
 31  37  41  43  47  53  59  61  67  71
 73  79  83  89  97 101 103 107 109 113
127 131 137 139 149 151 157 163 167 173
179 181 191 193 197 199 211 223 227 229
```

2. Write a function called rectangle that takes two parameters, width and height, and prints a rectangle using stars (asterisks) of that given width and height.

Example: rectangle(5, 3) prints:

```
*****
*****
*****
```

3. Write a function called lower_left that takes one parameter called size. This function prints a right triangle using stars where the base and height are both size stars long/high. The 90-degree vertex of the triangle is at the lower left.

   Example: lower_left(5) prints:

```
*
**
***
****
*****
```

4. Write functions upper_left, lower_right, and upper_right that each also take a parameter called size and print the other three types of right triangle, respectively.

5. Write programs that draw the following diagrams: