1) Write a program that asks the user for an integer, and then outputs the digits line by line.
So an example run would be:
"enter a number:" 321
3
2
1
As an added challenge, figure out a way to do this without using mod (%)

2a) Write a program that draws a pyramid of a height specified by the user. So if the user specifies 5, the pyramid will be:

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

2b) draw the same pyramid horizontally.
So for n = 5, the pyramid looks like this:

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

3) Find and print the GCF of two numbers input by the user.
So if the user inputs 15 and 20, output 5.

4) Write a program that asks the user for a number, n. Then ask the user for n numbers, and output the average once they've entered enough numbers. Remember that your answer might not be a whole number.

So if the user enters 4 as n, and then the user enters 10, 20, 10, 20, your program should output 15.