KEY CONCEPTS:

In the last three classes, we reviewed all the material we had covered up to this point including if-then, For, While and Lists.. The review code can be found at:
https://colab.research.google.com/drive/1MiXv0NwGZz8SKl6WXyIbReCNHJnWD9PC

Homework:

The Problems with a * are of increased difficulty.

1. A password checker.
    a. Assign a password of your choice to a variable called mypass
    b. Assign the number of times they can try to guess the password to a variable called numtries
    c. Keep prompting the user to enter a password till they enter the correct password, or exceed the number of tries

2. Write code to be print the multiplication tables for the numbers 2 - 10 (up to x 10)

E.g.

2 x 1 = 2
2 x 2 = 4
.
.
.
2 x 10 = 20

3 x 1 = 3

etc

3. Searching
    a. Ask the user to enter 10 integers (Hint: use a loop and add them to a list)
    b. *Search the list and find the smallest number in the list
    c. *Search the list to find the largest number in the list
    d. Find the sum and average of all the numbers in the list

4. Print the first 30 Fibonacci numbers. Reference to Fibonacci numbers are available at:
    https://en.wikipedia.org/wiki/Fibonacci_sequence

5. Print the numbers 1 through 8 and their factorials.