



Lab 01: Math Methods #1

In this lab you will be using basic while loops to achieve a given output. Sometimes you'll need to add a print OUTSIDE of the loop

Exercises

1. As the user for 2 positive integers. The return the first number to the power of the second number as formatted below.

```
Enter a positive integer: 3
Enter another positive integer: 5
3^5 = 243.0
```

2. Ask the user for a positive number (any number will do). Then print that number's square root as formatted below.

```
Enter a positive number: 30
The square root of 30 is 5.477225575051661
```

3. Ask the user for sides of a right triangle. Then print out the length of the hypotenuse as formatted below.

```
Length of side A: 5
Length of side B: 7
Hypotenuse = 8.602325267042627
```

4. Repeatedly ask the user for integers. When they finally enter 0, print out the largest and smallest input. 0 may be the min or max.

```
Enter an integer: 4
Enter an integer: 9
Enter an integer: -3
Enter an integer: 0
Max = 9
Min = -3
```

