

day18 Review for Python Quiz #1

Due: 6th: Tuesday 9/21/21

7th: Wednesday 9/22/21

Create a repl called **day18 Review**. Put your name and the date in a comment at the top, then do the following.

1. Print your name.
2. Ask the user for their name then print how long their name is using the len() function.
3. Store the word "LIGER" in a variable then print the "G" from the variable using slicing.
4. Ask the user to enter an integer, then print out the product of 10 times the integer. In other words, if the user enters 45, you print out 450. You'll need to use the input command with int.
5. Write a while loop that asks the user to enter a number, reports if the guess is too low or too high and makes them keep guessing until they guess 13, then breaks out of the loop.
6. Create a variable called n that contains "this is part six", then print the variable uppercase using the upper() string method.
7. Create a list that contains no items. Then add two items to it using the append method and print it. Sort it, then print it a second time.
8. Create a variable that contains "whatever," then use slicing to print "ate".
9. Copy this line and paste it into your program:

```
b = "I've got some beautiful geraniums in my garden!"
```

Use the following information to write an expression that prints "I LOVE autumn!" using slicing and the variable b.

```
I've got some beautiful geraniums in my garden!  
01234567891111111111222222222233333333334444444  
0123456789012345678901234567890123456
```

The above shows you the index for each character. For example the "!" is at index 46 while the "g" of "geraniums" is at index 24. Your output needs to have the proper case (capital I, all caps "LOVE") plus the exclamation point at the end.

10. Write a while loop that prints the numbers 1 through 6 and which prints whether each number is odd or even.
11. Ask the user to enter an integer. Use an if/elif/else structure to print if the number is positive, negative, or zero.
12. At the end of all of the above, ask the user if they want to go again. Make it so that "no", "No", "NO", and "nO" all work.