

day10 practice

Due: 6th: Tuesday 8/31/21

7th: Wednesday 9/1/21

Today for our second program we're doing a practice program that uses string methods to do a few things. Here are your steps:

1. Create a new repl. Name it day10 practice, and put your name in a comment at the top.
2. Create a variable text, and put "Go Ligers!" into it.
3. Do a while True loop. If you don't remember how to do this, go back and look at one of our old assignments.
4. Print the length of the variable text using the len() function. If you don't remember how to do this, look at Monday's program. (IYDRHTDTLAMP: this stands for "if you don't remember how to do this look at Monday's program.)
5. Print the variable text all uppercase using the .upper() method. IYDRHTDTLAMP.
6. Print the variable text all lowercase using the .lower() method. IYDRHTDTLAMP
7. Print the variable text using a replace call to replace "Lig" with "Goph" so your program prints "Go Gophers!". IYDRHTDTLAMP (or look at the slide deck, it has a .replace() example.
8. Print how many capital Gs there are in the variable text using the .count() method. IYDRHTDTLAMP
9. Print the variable text centered in 50 \$. IYDRHTDTLAMP
10. Ask the user if they want to run again and ask them to say "yes", or "no" to respond. See my sample output. Use an if statement to decide if you will run again. Use the .upper() or .lower() method in the if statement to make your program accept all forms of "no" regardless of case. You can do that like this: if r.upper() == "NO":
I showed this in the slide deck for Monday's assignment. Go check it out. If they don't want to run again, say goodbye or have a nice day and end the program
11. Test your program, make sure it works when the user says "no" or "No" or "nO" or "NO". Then, add an elif to check if they said yes, and print a different message. Finally, add an else and print a third message (maybe something like " you get to run again because you didn't follow directions."
12. If they do want to run again, before you have them run again, make the variable text be two copies of itself. You can do that with text = text + text. This way when it runs again, the program is using a different string.

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If you aren't sure how to do part of all of this, [watch my video](#) for help. The video is from two years ago when this was assignment "Day15". Don't let that bother you. Today's assignment is day10 and has to do with Ligers. The only part of today's assignment that is not in the help video is #11 where I asked you to do an if/elif/else instead of just a simple if. Ask for help if you don't know how to do this. It would look something like this:

```
if r.upper() == "NO":
    print("Goodbye, have a good day")
    break
elif r.upper() == "YES":
    print("OK, here we go, but twice as many ligers")
else:
    print("you get to run again because you didn't follow directions.")
```

Make sure saying Yes, YES, yes, YeS, etc. all work. Make sure you test all three versions of the if statement (yes/no/something else).

When you are done, turn in a "join" share link from repl on the Google Classroom. See sample output here:

```
10
GO LIGERS!
go ligers!
Go Gophers!
1
$$$$$$$$$$$$$$$$$$$$Go Ligers!$$$$$$$$$$$$$$$$$$$$
Run again? (yes/no) yes
OK, let's do it again!

20
GO LIGERS!GO LIGERS!
go ligers!go ligers!
Go Gophers!Go Gophers!
2
$$$$$$$$$$$$$$$$$$$$Go Ligers!Go Ligers!$$$$$$$$$$$$$$$$$$$$
Run again? (yes/no) yes
OK, let's do it again!

40
GO LIGERS!GO LIGERS!GO LIGERS!GO LIGERS!
go ligers!go ligers!go ligers!go ligers!
Go Gophers!Go Gophers!Go Gophers!Go Gophers!
4
$$$$$Go Ligers!Go Ligers!Go Ligers!Go Ligers!$$$$$
Run again? (yes/no) no
OK, thanks, have a good day.
```