

day9 strings

Due Wednesday 9/6/23

- Create a new repl. Name it day9 Strings. Put your name in a comment at the top.
- Ask the user for their name, then their age, then their favorite letter of the alphabet (three different input calls, three different variables.) Make the age variable an int.
- Tell the user how many times their favorite letter occurs in their name. To do this you will use the `.count()` string method
- Tell the user how long their name is using the `len()` function.
- One at a time use the following string methods with the user's name: `upper()`, `lower()`, `center()`, and `.rjust()`. Tell the user which one you are using on each line (see the example output below).
- Use the user's age as a number to print something out that many times. (You could print the user's name out that many times for example.)
- Find a Monty Python quote that is five or more lines of text. Please don't use the same quote that I use in my example below. (Google "Monty Python quotes" to find something that you find funny.)
- **Put the quote into a variable.** Use triple quotes if the quote is more than one line long.
- Print the quote using the variable, then print the length of the quote using the `len()` function.
- Use any string method with the quote. Say which method you used. In my sample below I use two different string methods on the quote; you only need to do one operation; say which one you used.

Sample output:

```
Please enter your name: Frankie
Please enter your age: 17
Please enter your favorite letter: e
Now I will do some things with your entries, Frankie.
Your name is 7 characters long.
Your favorite letter, e, can be found 1 times in your name
.upper(): Here is your name in upper case:  FRANKIE
.lower(): Here is your name is lower case:  frankie
.center(): Here is your name centered in 20 stars:  *****Frankie*****
.rjust(): Here is your name right justified in 21 $ signs:  $$$$$$$$$$$$$$Frankie

Here is your name 17 times:
FrankieFrankieFrankieFrankieFrankieFrankieFrankieFrankieFrankieFrankieFrankieFrankieF
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Here is a quote, from Monty Python:

    We are the knights who say "ni!"
    >No, not the knights who say "ni!"
    The same!
    We are the keepers of the sacred words: Ni, pang, and ni-wah! (ni-wah!)
    >Those who hear them seldom live to tell the tale!

This quote is 220 characters long.

.count(): Your favorite letter, e, can be found 22 times in the quote.

.replace(): Here is the quote with each letter e replaced by a 3:

W3 ar3 th3 knights who say "ni!"
>No, not th3 knights who say "ni!"
Th3 sam3!
W3 ar3 th3 k33p3rs of th3 sacr3d words: Ni, pang, and ni-wah! (ni-wah!)
>Thos3 who h3ar th3m s3ldom liv3 to t3ll th3 tal3!
```