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Python Strings homework:

9/19/24

Homework 1: Your task is to write a Python program that displays a custom banner using the # symbol and escape characters for formatting.

```
CloudFormation > Python > 💠 banner.py > ...
   1
   2
       name = 'Nina #'
       top_banner_var = "#" * 38
   3
       side_banner_var = "# \t\t\t\t
                                           #"
   4
   5
       side_banner_var1 = "# WELCOME TO STREET FIGHTER:
       side_banner_var2 = "# \t\t\t\t
   6
   7
       bottom_banner_var = "#" * 38
   8
   9
       print (top_banner_var)
  10
       print (side banner var)
  11
       print (side_banner_var1 , name)
       print (side_banner_var2)
  12
  13
       print (bottom_banner_var)
 PROBLEMS (2)
               OUTPUT
                        DEBUG CONSOLE
                                       TERMINAL
                                                 PORTS
                                                         GITLENS
                                                                  COMMENTS
 WIN10@DESKTOP-OL1MV38 MINGW64 ~/Documents/CloudFormation/python (master)
$ python banner.py
 ***********************************
 # WELCOME TO STREET FIGHTER:
                              Nina
                                    #
 ***********************************
```

Lab1: Using format() method

Define 3 variables in your program, then using the format method, display a sentence in the following format

```
1 first_name = "Nina"
2 age = "37"
3 favorite_color = "Turquoise"
4 sentence = "Hello, my name is {}. I am {} years old, and my favorite color is {}".format(first_name, age, favorite_color)
5
6 print (sentence)

PROBLEMS ② OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS COMMENTS

WINNEQDESKTOP-OLIM/38 MINAM64 ~/Documents/CloudFormation/python (master)
4 python Labl format method.py
Hello, my name is Nina. I am 37 years old, and my favorite color is Turquoise
```

Lab 2: Define 2 variables containing a city as a string, a temperature as a floating point, then use the f-strings to display the sentence in the following format.

```
CloudFormation > Python > 💠 Lab2_f-string_method.py > ...
        city = "Silver Spring"
        temperature = "26.11 °C"
   3
        sentence = f"The current temperature in {city} is {temperature}"
       print(sentence)
 PROBLEMS (2)
               OUTPUT
                                        TERMINAL
                        DEBUG CONSOLE
                                                  PORTS
                                                          GITLENS
                                                                   COMMENTS
 WIN10@DESKTOP-OL1MV38 MINGW64 ~/Documents/CloudFormation/python (master)
$ python Lab2_f-string_method.py
 The current temperature in Silver Spring is 26.11 °C
```

Link to my GitHub repo: https://github.com/Ninilove/Banner_project.git