Assignment 1

1-create 3 variables of type string , one is for your name , second one is for your age , third one is your country and print them each in a separate line the output should be like this including the double quotations

"name: Ali"

"age: 20"

"country: Egypt"

2-now concatenate these variables and print "hello my name is (your name) and my age is (your age) and I live in (your country)"

3-print in three separate lines the type of these variables

4- now using the same variables concatenate them to print the following with the same signs using escape sequence

"Hello 'Ali', How Are You Doing \ """ Your Age Is "20"" + And Your Country Is: Egypt

5-now print the same output but in 3 different lines

"Hello Ali, How Are You Doing \

""" Your Age Is "38"" +

And Your Country Is: Egypt

6- create a variable and assign your name to it then print 3 separate lines , the first line contains your second name letter , the 2nd line contains your third name letter , last line contains your last letter of your name

name = 'Mariam'

Second Letter Is "a"

Third Letter Is "r"

Last Letter Is "m"

7-now use the same variable of your name but print the following using slicing

```
ari
Mra
arM
```

8-for the following variable remove the unnecessary characters

name = "#@#@Ali#@#@"

Needed Output

Ali

9-create variables of type string containing any number you want of size not more than 4 digits , now you have to print these numbers but with added zeros to make the variable of 4 digits and if the variable is already of 4 digits then it should stay like this without adding zeros

Take the following as an example

num1 = "9"

num2 = "15"

num3= "130"

num4 = "1500"

Needed Output

0009

0015

0130

1500

10-create variables of type string, and add "@" to the string but with one condition that is the string mustn't be more than 20 letters take the following as an example

name_one = "Ali"

name_two = "Ali_Ahmed"

Needed Output

@@@@@@@@@@@@@@@@@Ali

@@@@@@@@@@@Ali_Ahmed

11-create variables with and print them but with their cases swapped

```
name_2="MaRiAM"          C:\Users\Compu Tech\Desktop\python>python prrogram1.py
                         mArIam
name_3="ALi"             alI

                         C:\Users\Compu Tech\Desktop\python>
```

12-print how many times the word "python" was repeated in the following string

msg = "I Love Python and I Love learning python"

Needed Output

2

13-print the position of the letter "L" in the following word "school"

14-replace "<3" with "love" in the following and print it

msg = "I <3 Python And I <3 learning it"

Needed Output

I Love Python And I <3 learning it

14-create 3 variables your name, age and country , make sure that your age is of an integer value not string , print

the following statement using the new formatting method

name = "Ali"

age = 20

country = "Egypt"

 My Name Is Ali, And My Age Is 20, And My Country Is Egypt