ASSINGNMENT-1

Bhargavi Dandu
700741185

GITHUB LINK: - https://github.com/bhargavidandu11/Assignment1.git

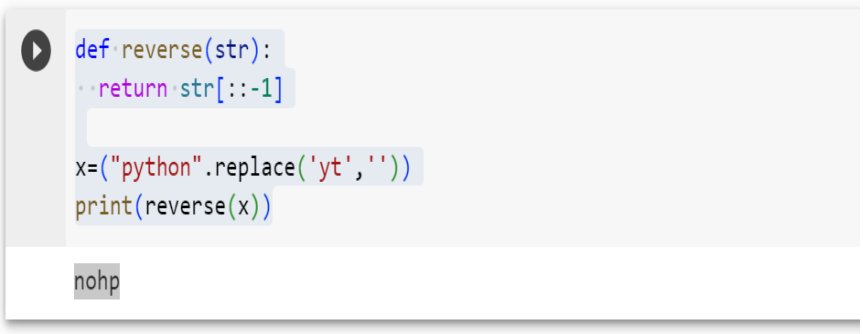
1. Write a python program for the following:

   – Input the string “Python” as a list of characters from console, delete at least 2 characters, reversethe resultant string and print it.

```
def reverse(str):
      return str[::-1]

x=("python".replace('yt',''))
print(reverse(x))
```

Output:-



   – Take two numbers from user and perform at least 4 arithmetic operations on them.

```
num1=10
num2=5
print("sum = ",num1+num2)
print("diff = ",num1-num2)
print("Divide = ", num1/num2)
print("Percentage = ", num1%num2)
```

Output:-

```
num1=10
num2=5
print("sum = ",num1+num2)
print("diff = ",num1-num2)
print("Divide = ", num1/num2)
print("Percentage = ", num1%num2)
```

```
sum =  15
diff =  5
Divide =  2.0
Percentage =  0
```

2. Write a program that accepts a sentence and replace each occurrence of ‘python’ with ‘pythons’.
   Input:- I love playing with python

```
a="I love playing with python"
print(a.replace('python','pythons'))
```

Output:-

3. Use the if statement conditions to write a program to print the letter grade based on an input class score. Use the grading scheme we are using in this class.

```
s1=10
s2=35
total=s1+s2

if(total>=90):
  print("Your grade is A")

elif(total>=70 and total<90):
  print("Your grade is B")

elif(total>=50 and total <70):
  print("Your grade is C")

else:
  print("Your grade is F")
```

Output:-

```
s1=10
s2=35
total=s1+s2

if(total>=90):
  print("Your grade is A")

elif(total>=70 and total<90):
  print("Your grade is B")

elif(total>=50 and total <70):
  print("Your grade is C")

else:
  print("Your grade is F")
```

```
Your grade is F
```