#### **Day 4 task**

#### 1)**Create three variables (a,b,c) to same value of any integer & do the following**

**a) Divide a by 10 b) Multiply b by 50 c) Add c value by 60**

a=b=c=100

print("values of a =",a,"b=",b,"and c=",c)

*# a ) divide a by 10*

print("Divide a by 10 :",a/10)

*# b) multiply b by 50*

print("Multiply b by 50",b\*50)

*# c) Add c value by 60*

print("Add c value by 60" ,c+60)

***Output:-***

values of a = 100 b= 100 and c= 100

Divide a by 10 : 10.0

Multiply b by 50 5000

Add c value by 60 160

#### **2)Create a String variable of 5 characters and replace the 3rd character with G**

1. string\_var="abcde"

print(string\_var)

print("after replacing G in string", string\_var.replace("c","G"))

***Output:-***

abcde

after replacing G in string abGde

1. (string\_var)

Print("after replacing G in string", string\_var[:2]+'G'+string\_var[3:])

***Output:-***

abcde

after replacing G in string abGde

1. **import** **re**

print(string\_var)

string\_var=re.sub("c","G",string\_var)

print("after replacing G in string",string\_var )

***Output:-***

abcde

after replacing G in string abGde

1. string\_var="abcde"

print(string\_var)

trans=string\_var.maketrans("c","G")

string\_var=string\_var.translate(trans)

print("after replacing G in string",string\_var )

***Output:-***

abcde

after replacing G in string abGde

#### 3)**Create two values (a,b) of int,float data type & convert the vise versa, Hint : convert a from int to float datatype & b from float to int datatype**

a=10

b=10.5

print("a=",a)

print("After typecasting a to float =",float(a))

print("b=",b)

print("After typecasting a to int =",int(b))

***Output:-***

a= 10

After typecasting a to float = 10.0

b= 10.5

After typecasting a to int = 10