**Worksheet 4**

1.Predict the output of the following code:

def Funstr(S):

 T= “ “

 for I in S:

 if i.isdigit():

 T=T+i

 return T

X=”PYTHON 3.9”

Y=FunStr(x)

print(X,Y,sep= “\*”)

2.Find the output from the following code:

T=tuple()

T=t+(‘Python’,)

print(t)

print(len(t))

t1=(10,20,30)

print(len(t1))

3.What will be the output of the following code?

def addEm(x,y,z):

 return(x+y+z)

def prod(x,y,z):

 return x\*y\*z

a=addEm(6,16,26)

b=prod(2,3,6)

print(a,b)

4.Observe the following code carefully and rewrite it after removing all syntax and logical errors.

Underline all the corrections made.

Spot the errors and rewrite the corrected codes.

total=0

def sum(arg1,arg2):

total=arg1+arg2

print(“Total:”,total)

return total

sum(10,20)

print(“Total:”,total)

5.Rewrite the following code in python after removing all syntax error(s).Underline each correction

done in the code.

250=Number

WHILE Number<=1000:

 If Number=>750:

 print Number

 Number=Number+100

 else

 print Number\*2

 Number=Number+50

6.Rewrite the following code in python after removing all syntax error(s)

Underline each correction done in the code:

30=To

For K in range(0,To)

 IF k%4==0:

 print(K\*4)

 Else:

 Print(K+3)

7.Rewrite the following code in python after removing all syntax error(s).Underline each correction

done in the code.

for Name in [Ramesh,Suraj,Priya]

If Name[0]=’S’

 Print(Name)

8.Write a program to read a number. If the number is even print half the number otherwise

print the next number.End your program by printing “Thank You”.

9.Write a program to print negative,zero or positive according to whether variable x is less than zero,zero or greater than zero respectively.

10.Write a Python program that accepts two integers from the user and prints a message saying

if first number is divisible by second number or if it is not.