**Worksheet -3**

1.What is the use of global keyword?

2.**(i) Find the output:**

num=1

def myfunc():

 return num

print(num)

print(myfunc())

print(num)

(ii) **Find the output:**

num=1

def myfunc():

 num=10

 return num

 print(num)

print(myfunc())

print(num)

**iii.Find the output:**

num=1

def myfunc():

 global num

 num=10

 return num

print(num)

print (myfunc())

print(num)

**3.(i) Find Output:**

def increment(n):

 n.append(40)

 return n[0],n[1],n[2],n[3]

L=[23,35,47]

n1,n2,n3,n4=increment(L)

print(L)

print(n1,n2,n3,n4)

print(L[3]==n4)

**(ii) Find output:**

def increment(n):

 n+=[40]

 return n[0],n[1],n[2],n[3]

L=[23,35,47]

M=increment(L)

print(L,M)

**4.(i) Find error in the following python code:**

x=300

print(“before calling the function”,x)

def change():

 y=x+20

print(“Inside the function change”,x)

print(“y=”,y)

change()

print(x)

**4.(ii) Find error in the following python code snippet:**

def f3(a=1,b):

 global x,global y

 x=a+b

a,a\*x=a+x,y

print(a,b,x,y)

f3[5,10]

print(f3[5])

5.Write a function which takes two numbers as parameters and returns the number that has minimum ones digit(Eg if 491 and 238 are the numbers, it will return 491)