//BCA (24-27) HARIPRIYA S EX 2

**OPERATIONS ON TUPLES AND LISTS**

print("OPERATIONS ON TUPLES AND LISTS")

my\_tuple=(1,2,3)

print("Initially,my\_tuple is :",my\_tuple)

my\_list=[4,5,6]

print("Initially,my\_list is :",my\_list)

my\_tuple[0]

print("my\_tuple[0] :",my\_tuple[0])

my\_list[1]

print("my\_list[1] :",my\_list[1])

my\_list[2]=7

print("Now,my\_list is :",my\_list)

my\_tuple[1:3]

print("my\_tuple[1:3] :",my\_tuple[1:3])

my\_list[0:2]

print("my\_list[0:2] :",my\_list[0:2])

new\_tuple=my\_tuple+(4,5)

print("new\_tuple=my\_tuple+(4,5) :",new\_tuple)

new\_list=my\_list+[6,7]

print("new\_list=my\_list+[6,7] :",new\_list)

len(my\_tuple)

print("len(my\_tuple) :",len(my\_tuple))

len(my\_list)

print("len(my\_list) :",len(my\_list))

print("2 in my\_tuple :",2 in my\_tuple)

print("8 in my\_list :",8 in my\_list)

my\_list.sort()

print("my\_list.sort() :",my\_list)

**OUTPUT :**

OPERATIONS ON TUPLES AND LISTS

Initially,my\_tuple is : (1, 2, 3)

Initially,my\_list is : [4, 5, 6]

my\_tuple[0] : 1

my\_list[1] : 5

Now,my\_list is : [4, 5, 7]

my\_tuple[1:3] : (2, 3)

my\_list[0:2] : [4, 5]

new\_tuple=my\_tuple+(4,5) : (1, 2, 3, 4, 5)

new\_list=my\_list+[6,7] : [4, 5, 7, 6, 7]

len(my\_tuple) : 3

len(my\_list) : 3

2 in my\_tuple : True

8 in my\_list : False

my\_list.sort() : [4, 5, 7]