Assignment (3/7/20):

1. Program to get 4th element and 4th element from last of tuple.

tuple = ("p","y","t","h","o","n","c","l","a","a","s")

print(tuple)

print("The 4th element of tuple :",tuple[3])

print("The 4th element from the last of tuple is :",tuple[-4])

Output:

('p', 'y', 't', 'h', 'o', 'n', 'c', 'l', 'a', 'a', 's')

The 4th element of tuple : h

The 4th element from the last of tuple is : l

2. Program to create the colon of a tuple from copy import deepcopy.

tuple = ("s","d","p","b",2,[],"g","i","t","a","m")

print(tuple)

tuple\_colon=deepcopy(tuple)

tuple\_colon[5].append(51)

print(tuple\_colon)

Output:

('s', 'd', 'p', 'b', 2, [], 'g', 'i', 't', 'a', 'm')

('s', 'd', 'p', 'b', 2, [51], 'g', 'i', 't', 'a', 'm')

3. Program to find the repeated items of a tuple.

tuple = ("s","d","p","b",2,"g","i","t","a","m",2,0,2,0)

print(tuple)

print("The number of times the item repeated in the tuple is :",tuple.count(2))

Output:

('s', 'd', 'p', 'b', 2, 'g', 'i', 't', 'a', 'm', 2, 0, 2, 0)

The number of times the item repeated in the tuple is : 3

4. Program to remove an item from a tuple.

tuplex= "s","d","p","b",2,"g","i","t","a","m"

print(tuplex)

tuplex= tuplex[:2] + tuplex[3:]

print(tuplex)

listx = list(tuplex)

listx.remove("a")

tuplex = tuple(listx)

print(tuplex)

Output:

('s', 'd', 'p', 'b', 2, 'g', 'i', 't', 'a', 'm')

('s', 'd', 'b', 2, 'g', 'i', 't', 'a', 'm')

('s', 'd', 'b', 2, 'g', 'i', 't', 'm')

5. Program to check whether a element is exist or not in a tuple.

tuple = ("s","d","p","b",2,"g","i","t","a","m")

print("r" in tuple)

print(2 in tuple)

Output:

False

True