Assignment-13

321910302051

K.Kalyani

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

    tuple = ("s","d","p","b",2,"g","i","t","a","m")
    print(tuple)
    print("The 4th element of tuple :",tuple[3])
    print("The 4th element from the last of tuple is :",tuple[-4])

    Output:-
    ('s', 'd', 'p', 'b', 2, 'g', 'i', 't', 'a', 'm')
    The 4th element of tuple : b
    The 4th element from the last of tuple is : i

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