ASSIGNMENT
03-07-2020

1)Write a python to get the 4th element and 4th element from the last of a tuple.
a)t=(1,2,3,4,5)
print(t[4])
print(t[-4])
Output:
5
2

2)Write python program to create colon of the tuple
a)from copy import deepcopy
#create a tuple
tuplex = ("HELLO", 5, [], True)
print(tuplex)
#make a copy of a tuple using deepcopy() function
tuplex_clone = deepcopy(tuplex)
tuplex_clone[2].append(50)
print(tuplex_clone)
print(tuplex)
Output:
('HELLO', 5, [], True)
('HELLO', 5, [50], True)
('HELLO', 5, [], True)

3)Write a python program to find the repeated items of a tuple
a)tuplex = 2, 4, 5, 6, 2, 3, 4, 4, 7
print(tuplex)
count = tuplex.count(4)
print(count)
Output:
(2, 4, 5, 6, 2, 3, 4, 4, 7)
3

4)Write a python program to remove an item from a tuple
a)t=(1,2,3,4,5)
print(t)

```python
n=int(input("enter an value to remove"))
l=list(t)
del l[n]
b=tuple(l)
print(b)
```
Output:
(1, 2, 3, 4, 5)

enter an value to remove3
(1, 2, 3, 5)

5)Write a python program to check whether an element exists within a tuple
```python
a)t=(1,2,3,4,5,6,7,8,9,10)
print(1 in t)
print(22 in t)
```
Output:
True
False