

(1) Python Program to Remove an Item from Tuple.

```
In [1]: tuple1 = ("krishna",22,"developer",40000)
list1 = list(tuple1)
list1.remove(22)
tuple1 = tuple(list1)
print(tuple1)
```

```
('krishna', 'developer', 40000)
```

(2) Python Program to Slice a Tuple.

```
In [3]: tuple1 = ("krishna",22,"developer",40000)
slice1 = tuple1[2:3]
print(slice1)
```

```
('developer',)
```

(3) Python Program to Unpack Tuple Items.

```
In [4]: tuple1 = ("krishna",22,"developer",40000)
print(tuple1)

name = tuple1[0]
age = tuple1[1]
profession = tuple1[2]
salary = tuple1[3]
print(name)
print(age)
print(profession)
print(salary)
```

```
('krishna', 22, 'developer', 40000)
krishna
22
developer
40000
```

(4) Python Program to Create a Tuple with Numbers.

```
In [6]: tuple1 = (1,2,3,4,5,6,7)
print(tuple1)
```

```
(1, 2, 3, 4, 5, 6, 7)
```

(5) Python Program to Check Item exists in Tuple.

```
In [2]: Tuple1 = (4, 6, 8, 11, 22, 43, 58, 99, 16)
number = int(input("Enter Tuple Item to Find = "))
result = number in Tuple1
print(result)
```

```
Enter Tuple Item to Find = 22
True
```

(6) python program to find largest and smallest item in a tuple.

```
In [1]: tup1 = (5,6,7,8,9)
print("largest item is :",max(tup1))
print("smallest item is :",min(tup1))
```

```
largest item is : 9
smallest item is : 5
```

(7) python program to find sum of even and odd number in tuple.

```
In [5]: tup1 = (5,6,7,8,9)
s=0
p=0
for i in tup1:
    if i%2==0:
        s = s + i
    else:
        p = p + i
print("sum of odd number is :",p)
print("sum of even number is :",s)
```

```
sum of odd number is : 21
sum of even number is : 14
```

(8) python program to find sum of tuple item.

```
In [6]: tup1 = (5,6,7,8,9)
sum = 0
for i in tup1:
    sum = sum + i
print("sum is :",sum)
```

```
sum is : 35
```

(9) python program to revers tuple.

```
In [9]: tup1 = (5,6,7,8,9)
tup2 = reversed(tup1)
print(tuple(tup2))
```

```
(9, 8, 7, 6, 5)
```

(10) count positive and negative number in tuple.

```
In [16]: tup1 = (5,-6,7,-8,9)
list1 = []
list2 = []
for i in tup1:
    if i>=0:
        list1.append(i)
    else:
        list2.append(i)
tup2 = tuple(list1)
tup3 = tuple(list2)
print(tup2)
print(tup3)
```

```
(5, 7, 9)
(-6, -8)
```

(11) python program to find even and odd number in tuple.

```
In [17]: tup1 = (5,6,7,8,9)
list1 = []
list2 = []
for i in tup1:
    if i%2==0:
        list1.append(i)
    else:
        list2.append(i)
tup2 = tuple(list1)
tup3 = tuple(list2)
print(tup2)
print(tup3)
```

```
(6, 8)
(5, 7, 9)
```

(12) python program to find even number in tuple.

```
In [19]: tup1 = (5,6,7,8,9)
list1 = []
for i in tup1:
    if i%2==0:
        list1.append(i)
tup2 = tuple(list1)
print(tup2)
```

(6, 8)

(13) python program to print negative number in a tuple.

```
In [21]: tup1 = (5,-6,7,-8,9)
list1 = []
for i in tup1:
    if i<0:
        list1.append(i)
tup2 = tuple(list1)
print(tup2)
```

(-6, -8)

(15) python program to print positive number in a tuple.

```
In [23]: tup1 = (5,-6,7,-8,9)
list1 = []
for i in tup1:
    if i>=0:
        list1.append(i)
tup2 = tuple(list1)
print(tup2)
```

(5, 7, 9)

(20) python program to find tuple length.

```
In [30]: tup1 = (5,6,7,8,9)
len(tup1)
```

Out[30]: 5

