

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
```