25th

```
tup1=()
tup2=(10,30,60)
tup3=(10.77, 20.88, 30.99)
tup4=('one', 'two', 'three')
tup5=(10, 'two', 30.99, (50,100),(150,90))
tup6=(10,'Harsha',24,[50,100],[90,56],{'Harsha','Vinjamuri'},
(99,33,22))
tup7=('Harsha',33, 14.56)
len(tup7)
```

```
3
```

```
tup2[0]
```

```
10
```

```
tup4[0]
```

```
'one'
```

```
tup4[0][0]
```

```
'o'
```

```
tup4[-1]
```

```
'three'
```

```
tup5[-1]
```

```
(150, 90)
```

```
my=('one', 'two', 'three', 'four', 'five', 'six', 'seven', 'eight',
'nine', 'ten')
my[0:3]
```

```
('one', 'two', 'three')
```

```
my[2:5]
```

```
('three', 'four', 'five')
```

```
my[:3]
```

```
('one', 'two', 'three')
```

```
my[:2]
```

```
('one', 'two')
```

```
my[-3:]
```

```
('eight', 'nine', 'ten')
```

```
my[-2:]
```

```
('nine', 'ten')
```

```
my[-1]
```

```
'ten'
```

```
my[:]
```

```
('one', 'two', 'three', 'four', 'five', 'six', 'seven', 'eight',
'nine', 'ten')
```

```
del my[0]
```

```
---------------------------------------------------------------------
-----
TypeError                                 Traceback (most recent call
last)
Cell In[39], line 1
----> 1 del my[0]

TypeError: 'tuple' object doesn't support item deletion
```

```
for i in my:
    print(i)
```

```
one
two
three
four
five
six
seven
eight
nine
ten
```

```
for i in enumerate(my):
    print(i)
```

```
(0, 'one')
(1, 'two')
(2, 'three')
(3, 'four')
(4, 'five')
(5, 'six')
(6, 'seven')
(7, 'eight')
```

```
(8, 'nine')
(9, 'ten')
```

```
my
```

```
('one', 'two', 'three', 'four', 'five', 'six', 'seven', 'eight',
'nine', 'ten')
```

```
'one' in my
```

```
True
```

```
'ten' in my
```

```
True
```

```
if 'three' in my:
    print('three is present')
else:
    print('three is not present')
```

```
three is present
```

```
my.index('one')
```

```
0
```

```
my.index('five')
```

```
4
```

```
my1=(43,67,88,12,6,90,67)
```

```
sorted(my1)
```

```
[6, 12, 43, 67, 67, 88, 90]
```

```
sorted(my1, reverse=True)
```

```
[90, 88, 67, 67, 43, 12, 6]
```