

Python 3.11.1 (tags/v3.11.1:a7a450f, Dec 6 2022, 19:58:39) [MSC v.1934 64 bit (AMD64)] on win32

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```
t=(2,3,1,3,4,5)
```

```
t
```

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

```
type(t)
```

```
<class 'tuple'>
```

```
len(t)
```

```
6
```

```
sum(t)
```

```
18
```

```
min(t)
```

```
1
```

```
max(t)
```

```
5
```

```
t
```

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

```
t[2]
```

```
1
```

```
t[4]
```

```
4
```

```
t[10]
```

```
Traceback (most recent call last):
```

```
File "<pyshell#10>", line 1, in <module>
```

```
t[10]
```

```
IndexError: tuple index out of range
```

```
t[-2]
```

```
4
```

```
t[-6]
```

```
2
```

```
t
```

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

```
t[1:5:1]
```

```
(3, 1, 3, 4)
```

```
t[1:6:2]
```

```
(3, 3, 5)
```

```
t[1:4:-1]
```

```
()
```

```
t[-1:-5:-1]
```

```
(5, 4, 3, 1)
```

```

t[-1:-3:1]
()
t
(2, 3, 1, 3, 4, 5)
t[3]
3
t[3]=30
Traceback (most recent call last):
  File "<pyshell#21>", line 1, in <module>
    t[3]=30
TypeError: 'tuple' object does not support item assignment
t+t
(2, 3, 1, 3, 4, 5, 2, 3, 1, 3, 4, 5)
t1=(10,20,30)
t+t1
(2, 3, 1, 3, 4, 5, 10, 20, 30)
t*2
(2, 3, 1, 3, 4, 5, 2, 3, 1, 3, 4, 5)
l=list(t)
type(l)
<class 'list'>
l
[2, 3, 1, 3, 4, 5]
l.append(5)
l.append(6)
l
[2, 3, 1, 3, 4, 5, 5, 6]
l+l
[2, 3, 1, 3, 4, 5, 5, 6, 2, 3, 1, 3, 4, 5, 5, 6]
l*2
[2, 3, 1, 3, 4, 5, 5, 6, 2, 3, 1, 3, 4, 5, 5, 6]
t=tuple(l)
t
(2, 3, 1, 3, 4, 5, 5, 6)
t[::-1]
(6, 5, 5, 4, 3, 1, 3, 2)
t.count(5)
2
t.count(10)
0
t.index(5)

```

```
5
t.index(3)
1
t
(2, 3, 1, 3, 4, 5, 5, 6)
t1
(10, 20, 30)
>>> t2=()
>>> t2
()
>>> t3=("surya","kiran","klu")
>>> t3
('surya', 'kiran', 'klu')
>>> t4=("surya",1,2.3,"kiran")
>>> t4
('surya', 1, 2.3, 'kiran')
```