

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

```
t
```

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

```
type(t)
```

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

```
len(t)
```

```
6
```

```
sum(t)
```

```
20
```

```
min(t)
```

```
1
```

```
max(t)
```

```
5
```

```
t+t
```

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

```
t*3
```

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

```
t1=(1,2,3)
```

```
t+t1
```

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

```
t*t1
```

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

```
File "<pyshell#11>", line 1, in <module>
```

```
t*t1
```

```
TypeError: can't multiply sequence by non-int of type 'tuple'
```

```
t1*3
```

```
(1, 2, 3, 1, 2, 3, 1, 2, 3)
```

```
t
```

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

```
t[-1]
```

```
5
```

```
t[4]
```

```
5
```

```
t[-3]
```

```
4
```

```
t[10]
```

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

```
File "<pyshell#17>", line 1, in <module>
```

```

t[10]
IndexError: tuple index out of range
t[1:5]
(3, 1, 4, 5)
t
(2, 3, 1, 4, 5, 5)
t[2:5:-1]
()
t[1:6:2]
(3, 4, 5)
t[-1:-5:-1]
(5, 5, 4, 1)
t
(2, 3, 1, 4, 5, 5)
t[2]=10
Traceback (most recent call last):
  File "<pyshell#24>", line 1, in <module>
    t[2]=10
TypeError: 'tuple' object does not support item assignment
l=list(t)
l
[2, 3, 1, 4, 5, 5]
type(l)
<class 'list'>
l.extend([10,20])
l
[2, 3, 1, 4, 5, 5, 10, 20]
t=tuple(l)
type(t)
<class 'tuple'>
t
(2, 3, 1, 4, 5, 5, 10, 20)
t[::-1]
(20, 10, 5, 5, 4, 1, 3, 2)
l[::-1]
[20, 10, 5, 5, 4, 1, 3, 2]
t
(2, 3, 1, 4, 5, 5, 10, 20)
t1
(1, 2, 3)
t.count(5)

```

2

```
t1.clear()
```

Traceback (most recent call last):

File "<pyshell#38>", line 1, in <module>

```
t1.clear()
```

AttributeError: 'tuple' object has no attribute 'clear'

```
>>> t.index(5)
```

4

```
>>> t.count(0)
```

0

```
>>> t
```

```
(2, 3, 1, 4, 5, 5, 10, 20)
```

```
>>> t1
```

```
(1, 2, 3)
```

```
>>> t2=("surya","klu","cse")
```

```
>>> t3=(1,2.3,"surya",5)
```