

元组

```
>>> HDD = ('ST','WD','TOSHIBA','Hitachi','SAMSUNG','HGST')
#创建元组
>>> HDD
('ST','WD','TOSHIBA','Hitachi','SAMSUNG','HGST')
>>> SSD = HDD[3:] + ('闪迪') + HDD[3:]
#元组'HDD'数前3与3后对要添加的元组形成两面包夹芝士
>>> SSD
('ST','WD','TOSHIBA','闪迪','Hitachi','SAMSUNG','HGST')
```

本质是利用切片的方式重新建了另一个元组

可见英文",", "是元组的必需格式

有小括号

```
>>> tuple1 = (1,2,3,4,5,6,7)
>>> tuple1
(1, 2, 3, 4, 5, 6, 7)
```

未端有,

```
>>> tuple1 = 1,2,3,4,5,6,7,
>>> tuple1
(1, 2, 3, 4, 5, 6, 7)
```

未端无,

```
>>> tuple1 = 1,2,3,4,5,6,7
>>> tuple1
(1, 2, 3, 4, 5, 6, 7)
```

有括号

```
>>> tuple2 = (2)
>>> tuple2
2
```

标准

```
>>> tuple2 = (2,)
>>> tuple2
(2,)
```

无括号

```
>>> tuple2 = 2
>>> tuple2
2
```

```
Python 3.9.5 (tags/v3.9.5:0a7dcbcd, May 3 2021, 17:27:52) [MSC v.1928 64 bit (AMD64)] on win32
Type 'help', 'copyright', 'credits' or 'license()' for more information.
>>> tuple1 = (1,2,3,4,5,6,7)
SyntaxError: invalid syntax
>>> tuple1 = (1,2,3,4,5,6,7)
>>> tuple1
(1, 2, 3, 4, 5, 6, 7)
>>> type(tuple1)
<class 'tuple'>
>>> tuple2 = 2,3,4,5,
>>> tuple2
(2, 3, 4, 5)
>>> type(tuple2)
<class 'tuple'>
>>> tuple2 = (2,)
>>> tuple2
(2,)
>>> tuple1 = 1,2,3,4,5,6,7,
>>> tuple1
(1, 2, 3, 4, 5, 6, 7)
>>> tuple1 = 1,2,3,4,5,6,7
>>> tuple1
(1, 2, 3, 4, 5, 6, 7)
>>> tuple1 = (1,2,3,4,5,6,7)
>>> tuple1
(1, 2, 3, 4, 5, 6, 7)
>>> tuple2 = (2,)
>>> tuple2
(2,)
>>> tuple2 = (2)
>>> tuple2
2
>>> tuple2 = 2
>>> tuple2
2
>>> HDD = ('ST','WD','TOSHIBA','Hitachi','SAMSUNG','HGST')
>>> HDD
('ST','WD','TOSHIBA','Hitachi','SAMSUNG','HGST')
>>> SSD = HDD[3:] + ('闪迪') + HDD[3:]
>>> SSD
Traceback (most recent call last):
  File "<pyshell#24>", line 1, in <module>
    SSD
NameError: name 'SSD' is not defined
>>> SSD
('ST','WD','TOSHIBA','闪迪','Hitachi','SAMSUNG','HGST')
```