

## - 数组

```
1 #list
2 RSStr = []
3 RSStr.append(RSSd)
4
5
```

python的list和tuple都提供数组的功能，区别是list可以改变长度，可以存不同数据类型，tuple不能改变长度

```
1 >>> tuple_a = (1,2,3)
2 >>> tuple_a
3 (1, 2, 3)
4 >>> tuple_a[1]
5 2
6
7 >>>
8 >>> tuple_a[3] = 4
9 Traceback (most recent call last):
10   File "<stdin>", line 1, in <module>
11   TypeError: 'tuple' object does not support item assignment
>>>
```

超过tuple的长度会报错

```
1 >>> list_a = [1,2,3]
2 >>> list_a
3 [1, 2, 3]
4 >>> list_a[1]
5 2
6 >>> list_a.append(4)
7 >>> list_a
8 [1, 2, 3, 4]
```

np.arange(10)生成数组

range(10) 不是数组，可以用for i in range(10)来循环