

python中判断list为空有两种方式:

### 1. python中 [], {}, (), 0, false都是false:

```
>>> a = []
>>> if a:
...     print("this is not an empty list")
... else:
...     print("this is an empty list")
...
this is an empty list
# ? ? ? 0是False
```

### 2. len() 方法判断, 存在len() >0则为true, 否则为false:

```
>>> d = {}
>>> if len(d):
...     print("this is not an empty dict")
... else:
...     print("this is an empty dict")
...
this is an empty dict
```

```
[[1, 4, 7, 11, 15], [2, 5, 8, 12, 19], [3, 6, 9, 16, 22], [10, 13, 14, 17, 24], [18, 21, 23, 26, 30]]
```