

## 2-5 循环 (2) : while

### while

while 条件 for 循环 while 循环

while 循环 while 循环

```
while 条件 :
```

```
    语句
```

for 循环 while 循环

```
sum = 0
```

```
while sum <= 100:
```

```
    print(sum)
```

```
    sum = sum + 1
```

输出

```
i = 3
sum = 0
while i < 13:
    sum = sum + i
    i = i + 3
print(sum)
```

while True:

'''

Q1. '''while '''

Ans ''' break '''

'''

```
i = 1
while i < 6:
    print(i)
    if i == 3:
        break
    i += 1
```

2. '''

Ans ''' continue '''

```
i = 0
while i < 6:
    i += 1
    if i == 3:
        continue
    print(i)
```

3. '''

Ans ''' [Ctrl] + [C] '''

'''

for while

2

M N N! M

N N! 1\*2\*3\*...(n-1)\*n while N! M N

```

M=1000

7 5040 1000
```

3

(1~99)

※

4

1: 2: 3:

0

random()

import random

random.randint(1, 99)    #~99

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