

* While Condition

Initialization of outer while
while (condition): # outer while
 Initialization of inner while
 while (condition): # inner while
 Statements of inner while
 inc/dec of inner while
 Statements of outer loop
 inc/dec of inner loop

* Nested loops

```
for i in range(1, 6, 1):
    for j in range(1, 6, 1):
        if (i==1 or i==5 or j==1 or j==5):
            Print ("x", end=" ")
```

Else:

```
Print (" ", end=" ")
```

print()

```
x x x x x
x x x x x
x x x x x
x x x x x
x x x x x
```

```
* for i in range(1, 6, 1):
    for j in range(5, i, -1):
        Print (" ", end=" ")
    for k in range(1, i+1, -1):
        Print ("x", end=" ")
    print()
```


Handwritten notes on lined paper, possibly a calendar or list, with various symbols and numbers.

```

* for i in range (1,6,1):
    for j in range (i,6,1):
        print ("x", end = " ")
    print ()

```

```
for x in range(1, 5, 1):
    for y in range(5, x, -1):
        print ("*", end = " ")
    print ()
```

水
水
水
水
水
水
水
水


```

for i in range(1, 6, 1):
    print(" " * i, end = " ")
    print(" " * (2 * (5 - i)), end = " ")
    print(" " * i, end = " ")
    print()

```

```

for j in range(4, 0, -1):
    print(" " * j, end = " ")
    print(" " * (2 * (5 - j)), end = " ")
    print(" " * j, end = " ")
    print()

```

```

*
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* * *
* *
*

```