Looping in Python

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Looping in Python

In computer **programming**, a **loop** is a sequence of instructions that is repeated until a certain condition is reached.

Looping is an iterative process in programming through which we can perform any specific operations as many times we want.

Python provides us two kind of loops :
- For loop
- While loop

In order to use for loop we have to use **for** keyword of python and for while loop we have to use **while** keyword.

For loop

For loop can iterate over a sequence of statements using the "range" functions.

```python
for value in range(5):
    print(value)
```

0	After 1st Iteration
1	After 2nd iteration
2	After 3rd iteration
3	After 4th iteration
4	After 5th iteration

1st iteration : value=0

2nd iteration : value=1

3rd iteration : value=2

4th iteration : value=3

5th iteration : value=4