

→ LOOPS IN PYTHON:-

- * A loop is a programming structure used to repeat a Block of code multiple times.
- * if you want to execute something again and again, instead of writing it many times , you use a loop

ex:-

```
for i in range(3):  
    print(i)
```

Types of Loops:-

1) For Loop :-

Used when you know how many times not you want to repeat something.

ex:- `for i in range(5):
 print("Hello")`

2) While Loop :-

Used when you don't know the exact number of repetitions and continue until a condition becomes false.

ex:- `count = 1
while count <= 5:
 print(count)
 count = count + 1`

3) Nested Loops:-

A loop inside another loop.

→ Loop control statements

* break → stops the loop

* continue → skip one iteration

* pass → placeholder, does nothing.