# Loops

There are 2 types of loops:

* For loop
* While loop

## For loops

We need not to mention the assignment here

We often use range function with the for loop.

Ex:

🡪for i in range (n)

It we mention one value, it considers the range from 0 to n-1

🡪for i in range (n,m)

If we mention 2 values, it considers ‘n’ as beginning value, ‘m’ as ending value but ‘m’ is not considered.(m-1)

🡪for i in range(n,m,difference)

By default it considers 1 as difference, if we want the difference more than 1 we should mention it.

Ex:-

For I in range(1,6,2)

Starts from 1 ends till 5----difference is 2

Considers 1,3,5

### Note:-

We can take the range from reverse order also, in that case we should mention the difference in negative format

Ex:-

For I in range(10,0,-1)

Considers:- 10,9,8,7,6,5,4,3,2,1

## Control statements:-

* Break
* Continue
* pass