Introduction to Loops

Loops allow us to repeat a block of code a specific number of times or until a certain condition is met.

Two types of loop

- For Loop
- While Loop

For Loops

For Loop

It iterates over items of a sequence(list, tuple, string)or other iterable objects, executing block of code once for each item

Example

zx = [12,10,45,3,100,90]

for i in zx:

    print("hello")

Range

Range Function

The range function in Python generates a sequence of numbers, allowing you to specify the starting point, ending point (exclusive), and optional step value.

range(start, end, increment)

start ————— 0

end ————— n-1

increment ————— 1

Example:

```
for i in range(1,11,1)

    print(i)
```