

## ✓ While Loop

### Algorithm:-

1. Initialize an integer variable count with the Value.
2. Enter a while loop that continues as long as count is not equal to 5
3. Inside the loop, print the current Value of count.
4. Increment count by 1.
5. Repeat steps 2-4 until count equals.

Definition:

While Loop:

A control flow Statement that repeatedly executes a block of code as long as a given condition is true.

for loop.

Algorithm:

1. Initialize an integer variable count with the Value.
2. Enter a for loop with the condition  $\text{count} \leq 5$ .
3. Inside the loop, print the current Value of Count.
4. Increment Count by 1.
5. Repeat Steps 2-4 until count is greater than 5.

Definition:

for loop: A control flow Statement that repeats a block of code a specific number of times. It consists of three parts:

Initialization, Condition, Increment / Decrement.