

Do-while:

Loops:

Constructs that allow repeated execution of a block of code.

Types.

For Loop: Repeats a block of code a specific no of times.

While Loop: Repeats a block of code as a specific condition is true.

Do-while: Repeats a block of code at least once and then continues as long as a specified condition is true.

Algorithm:-

- 1) For loop: Print numbers from 1 to 10 add a custom message after each number.
1. Initialize i to 1.
2. Check if i is less than or equal to 10.
3. Print the value of i and a custom message
4. Increment by 1.
5. Repeat Steps 2-4 until i is greater than 10.

while loop:

Print numbers from 15 to 50.

1. Initialize i to 15
2. check if i is less than or equal to 50
3. Print the Value of i
4. Increment by 1.
5. Repeat Steps 2-4 until i is greater than 50.

Do-While :-

Print numbers from 1 to 5.

1. Initialize i to 1.
2. Print the Value of i
3. Increment i by 1.
4. Check if i is less than or equal to 5.
5. Repeat step 2-4 until i is greater than or equal to 5.