

do while loop in Java

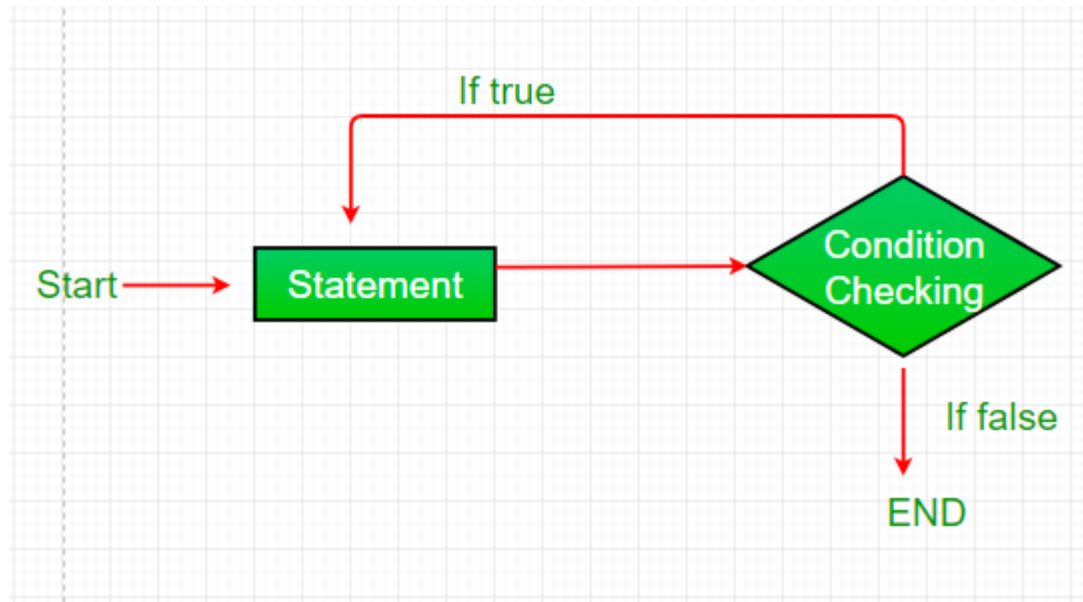
Looping in programming languages is a feature that facilitates the execution of a set of instructions/functions repeatedly while some condition evaluates to true. Java provides three ways for executing the loops. While all the ways provide similar basic functionality, they differ in their syntax and condition-checking time. In this article, we will see do - while loop in Java.

do - while loop

do - while loop is similar to the while loop with the only difference that it checks for conditions after executing the statements, and therefore is an example of an Exit Control Loop.

Syntax:

```
do
{
statements..
}
while (condition);
```



Flowchart:

- do while loop starts with the execution of the statement(s). There is no checking of any condition for the first time.
- After the execution of the statements, and update of the variable value, the condition is checked for a true or false value. If it is evaluated to be true, the next iteration of the loop starts.
- When the condition becomes false, the loop terminates which marks the end of its life cycle.
- It is important to note that the do-while loop will execute its statements at least once before any condition is checked, and therefore is an Exit control loop.

```
// JAVA Code to print GFG 5 times
```

```
// using do - while loop
```

```
import java.io.*;
```

```
class GfG {
```

```
    public static void main(String[] args) {
```

```
int i = 0;

do {

    System.out.println("GFG");

    i++;

}

while(i < 5);

}
```

Output

GFG

GFG

GFG

GFG

GFG