

Java Lesson Notes

Week-15

do...while loop

do...while loop in Java

Like a while statement, except that it tests the condition at the end of the loop body.

do...while loop in Java

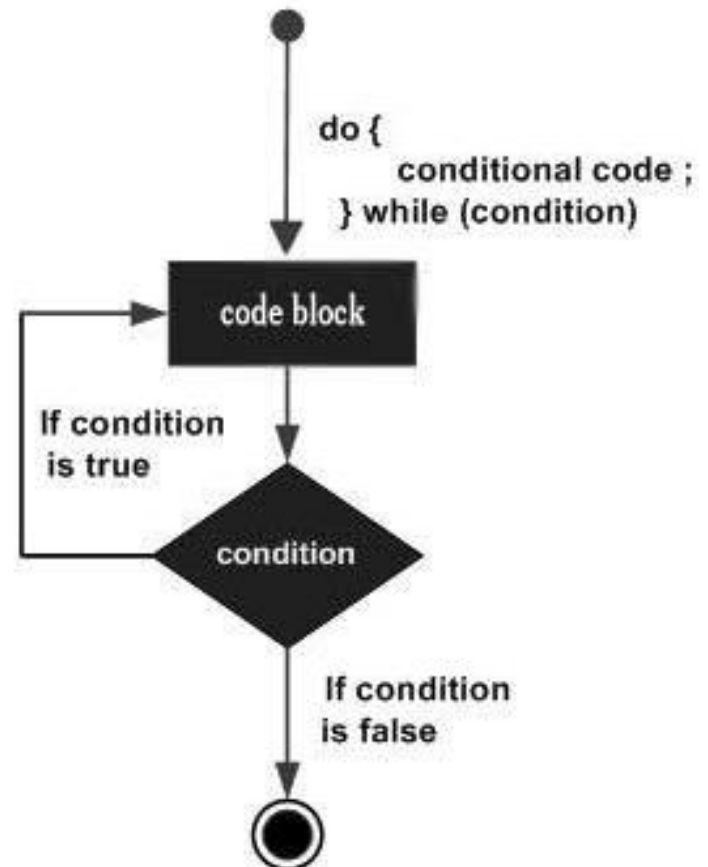
Syntax

Following is the syntax of a do...while loop

```
do {  
    // Statements  
}while(Boolean_expression);
```

A **do...while** loop is similar to a while loop, except that a do...while loop is guaranteed to execute at least one time.

Flow Diagram



do...while loop example

Example

```
public class Test {  
  
    public static void main(String args[]) {  
        int x = 10;  
  
        do {  
            System.out.print("value of x : " + x );  
            x++;  
            System.out.print("\n");  
        }while( x < 20 );  
    }  
}
```

do...while loop example

This will produce the following result –

Output

```
value of x : 10  
value of x : 11  
value of x : 12  
value of x : 13  
value of x : 14  
value of x : 15  
value of x : 16  
value of x : 17  
value of x : 18  
value of x : 19
```