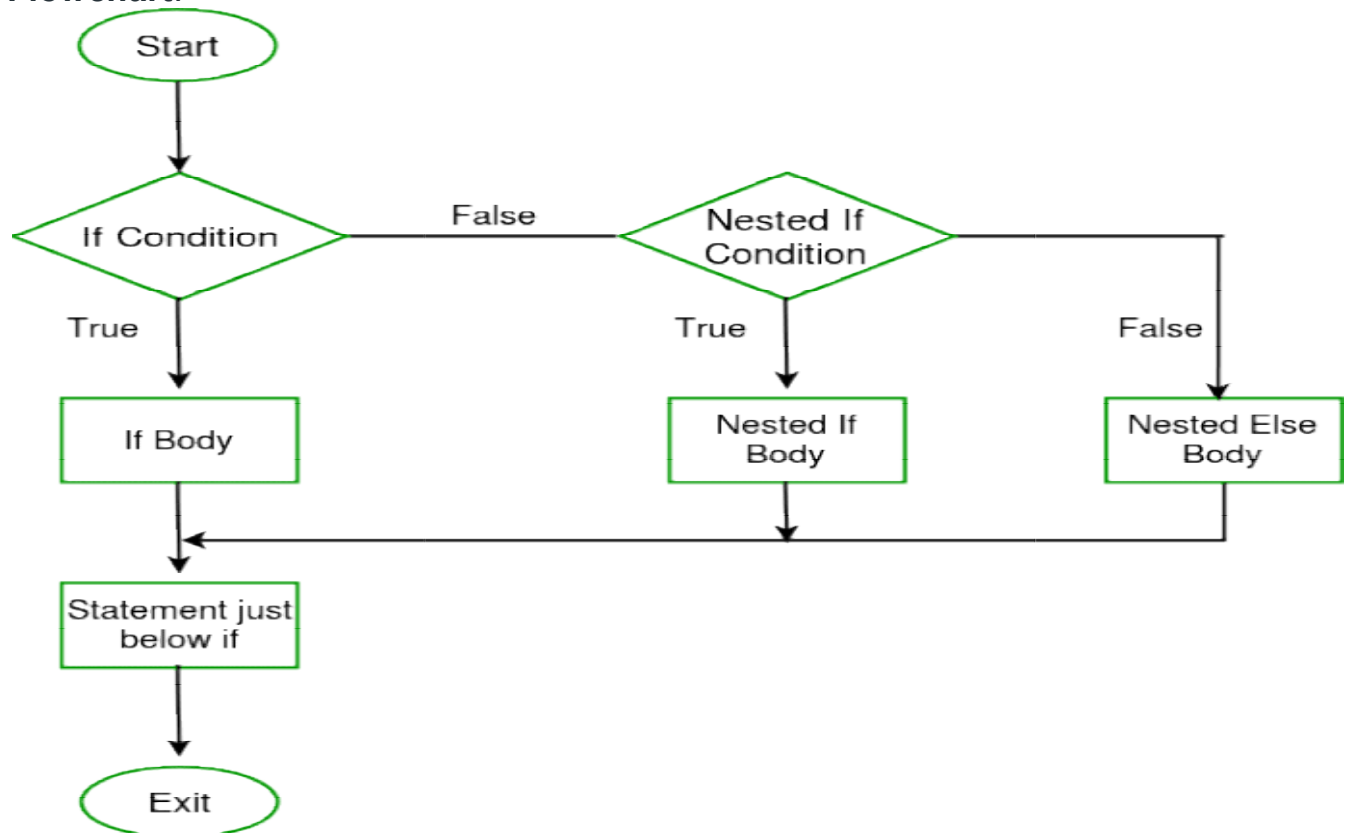**Nested if-else in Java:**

A nested if in java is an if-else statement that is the target of another if statement. Nested if statements mean an if-else statement inside another if statement. Java allow us to nested if-else statements within if statements, i.e, we can place an if-else statement inside another if statement.

Syntax:

```
if (condition1)
{
    // Executes when condition1 is true
    if (condition2)
    {
        // Executes when condition2 is true
    }
}
```

Flowchart:

else-if ladder in Java:

Here, a user can decide among multiple options. The Java if statements are executed from the top down. As soon as one of the conditions controlling the if is true, the statement associated with that if is executed, and the rest of the Java else-if ladder is bypassed. If none of the conditions are true, then the final else statement will be executed.

Syntax:

```
if (condition)
    statement;
else if (condition)
    statement;
.
.
else
    statement;
```