

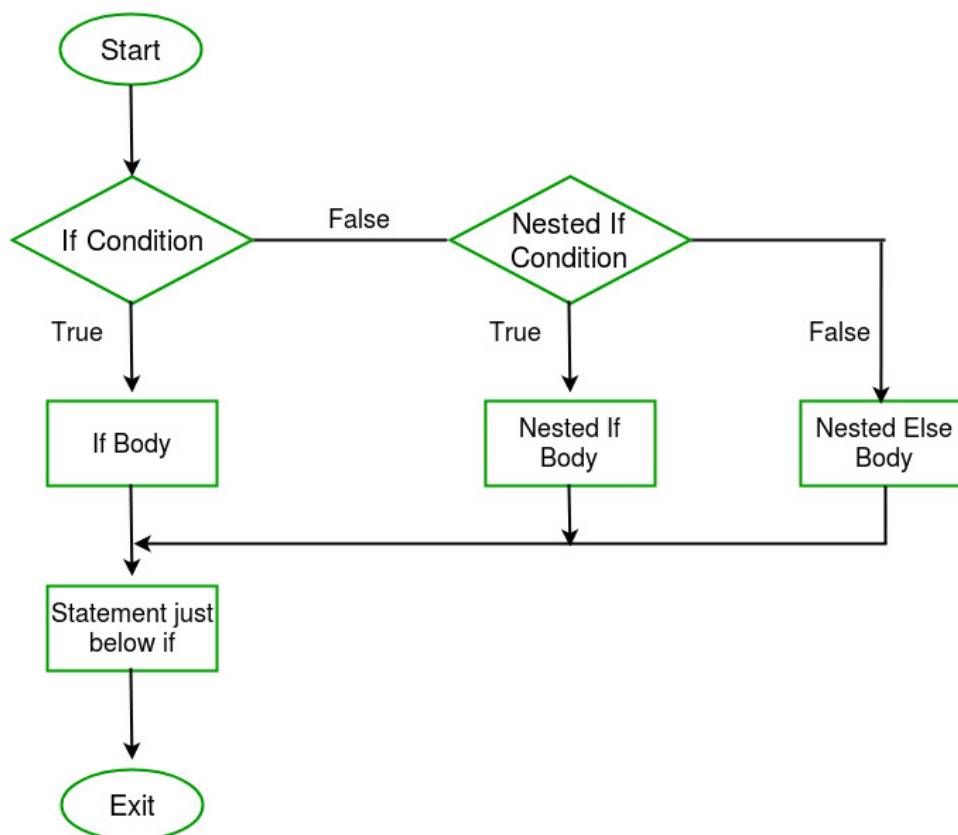
Nested If Else with Example

A nested if is an if statement that is the target of another if statement. Nested if statements mean an if statement inside another if statement. C++ allow us to nested if statements within if statements, i.e, we can place an if statement inside another if statement.

Syntax:

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

Flowchart



```
// C++ program to illustrate nested-if statement
#include <iostream>
using namespace std;

int main()
{
    int i = 10;

    if (i == 10) {
        // First if statement      if (i < 15)
        cout << "i is smaller than 15\n";

        // Nested - if statement
        // Will only be executed if
        // statement above is true
        if (i < 12)
            cout << "i is smaller than 12 too\n";
        else
            cout << "i is greater than 15";
    }

    return 0;
}
```

Output

```
i is smaller than 15
i is smaller than 12 too
```