

Hello CPPBuddies

Day 06

Welcome

To

C++ COMPLETE BOOTCAMP

Your Guide To A Solid Foundation in C++

Let us begin

Conditional Statements

Nested - if

If-else ladder

Switch Statement

Nested If

A nested if in C++ is an if statement that is the target of another if statement. Nested if statements means an if statement inside another if statement.



Syntax

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

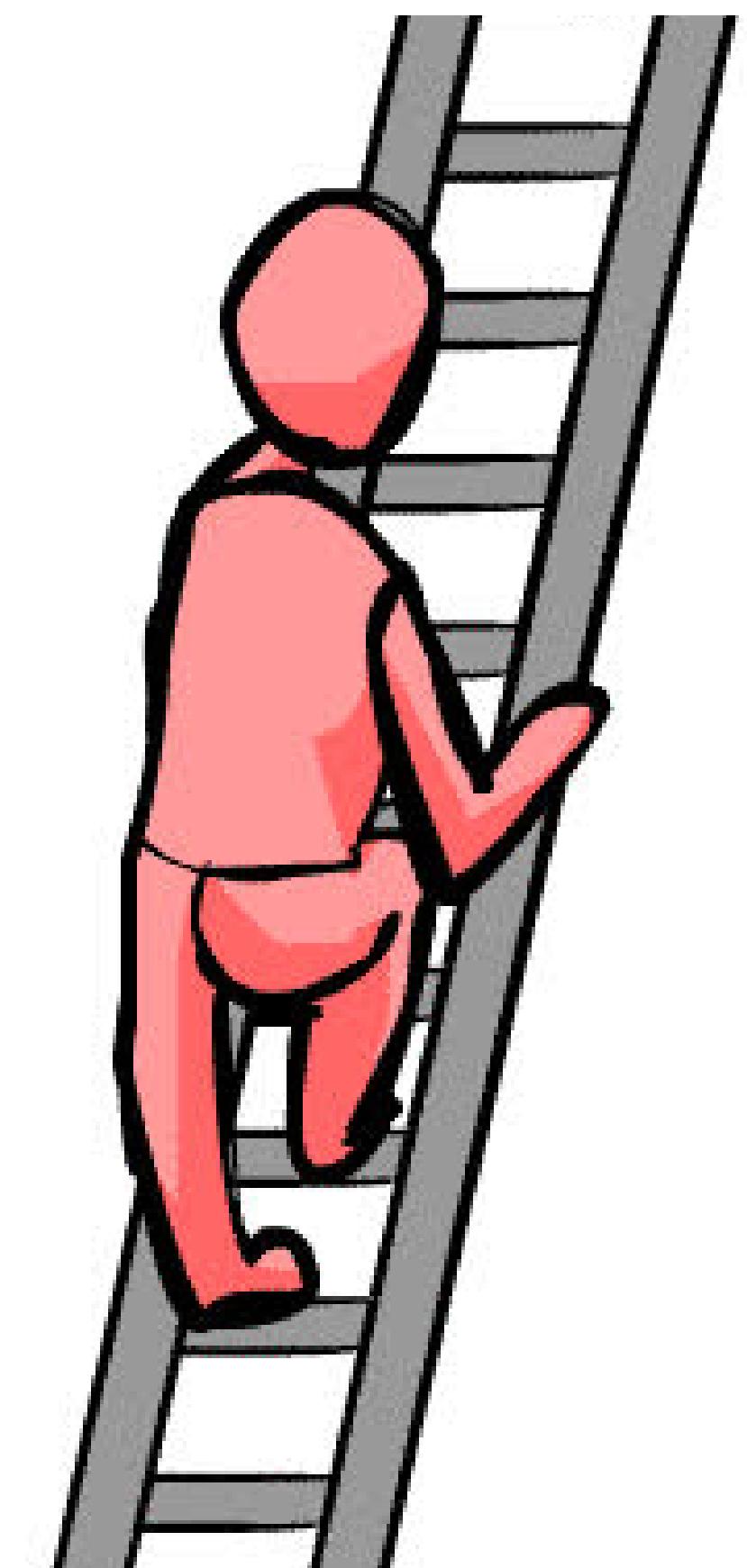
    if (condition2)
    {
        // Executes when condition2 is true
    }
}
```

LET'S CODE
SOMETHING



If - Else Ladder

The if...else statement executes two different codes depending upon whether the test expression is true or false. Sometimes, a choice has to be made from more than 2 possibilities.



Syntax

if (condition1)

statement

else if (condition2)

statement

else

statement

Let's Code It



Leap Year



Grade distribution

body inspection

Switch Statement

The switch statement allows us to execute one code block among many alternatives.

You can do the same thing with the if...else..if ladder. However, the syntax of the switch statement is much easier to read and write.

**HOW DOES THE SWITCH
STATEMENT WORK?**



IT'S TIME TO CODE



Thank
you!