

Topics Covered -

- C++ if... else
- C++ for Loop
- C++ do while loop
- C++ break
- C++ Continue
- C++ Switch statement
- C++ goto statement

C++ If-else-Nested if-Else

In Computer programming, we use the if... else statement to run one block of code under certain condition & another block of code under different conditions.

There are three forms of if... else statement in C++.

1. if statement.
2. if... else statement.
3. if... else if... else statement.

C++ If Statement

The syntax of if statement is

```
if (condition) {  
    // body of if statement  
}
```

The if statement evaluates the condition inside the parenthesis ().

- If the condition evaluates to true, the code inside the body of if is executed.
- If the condition evaluates to false, the code inside the body of if is skipped.

C++ if... else

The if statement can have an optional else clause. Its syntax is.

```
if (condition) {  
    // block of code if condition true  
}  
else {  
    // block of code if condition is false  
}
```


Quick Quiz :-

Write a C++ program to find the given number is negative or positive.

C++ If... else... if... else statement.

The if... else statement is used to execute a block of code among two alternative. However, if we need to make a choice between more than two alternatives, we use the if... else statement.

The syntax of the if... else if... else statement.

```
if (condition1) {  
    // Code block 1  
}  
else if (Condition2) {  
    // Code block 2  
}  
else {  
    // Code block 3  
}
```

Quick Quiz:

Satisfy the Q Num in above Quiz.

2.

Date

Practice Set

Saathi

1. C++ program to check whether Number is Even or odd.
2. C++ program to check whether a character is Vowel or Consonant.
3. C++ program to find Largest Number among three Number.
4. Write a Cpp program to check whether the number is even or odd using ternary operator.