

# If Condition

## If statement

An if statement contains a boolean expression and block of statements enclosed within braces.

Structure of if statement:

```
if(boolean expression)
```

```
/*if expression is true */
```

```
statements...;/*Execute Statement
```

If the Boolean expression is true then statement block is executed otherwise(if false) program directly goes to next statement without executing Statement block.

## if...else statement

If statement block with else statement is known as if ...else statement. Else portion is non-compulsory.

Structure of if...else

```
if(condition)
{
statements....
}
else
{
statements...
}
```

If the condition is true, then compiler will execute the if block of statements, if false then else block of statements will be executed.

We can use multiple if-else for one inside other this is called as Nested if-else.