



C From Beginner To Expert Programming Tutorial - The Complete Tutorial to Learn Cmp4 - VLC media player

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Logical Operators

- For `&&` both conditions must be true.
- For `||` either condition must be true.
- For `!` the condition must be false.

And for the NOT operator, the condition must be false

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Logical Operators

`&&`

```
a = 7;  
if( a > 0 && a < 10 )
```

↓ ↓

TRUE && TRUE == TRUE

Here, both conditions are true

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Logical Operators

&&

```
a = 7;  
if( a > 0 && a < 5 )
```

↓ ↓

TRUE && FALSE == FALSE

Here, one of the conditions is false

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Logical Operators

||

```
a = 50;  
if( a < 10 || a > 25 )
```

↓ ↓

FALSE || TRUE == TRUE

needs to be true.

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Logical Operators

||

```
a = 50;  
if( a < 10 || a > 75 )
```

↓ ↓

FALSE || FALSE == FALSE

And in the case of NOT, it negates the

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Logical Operators

!

```
a = 50;  
if( !(a!=50))
```

↓

TRUE

Here, the condition is false

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Logical Operators

- Non-zero values or results are evaluated as TRUE.
- Zero is evaluated as FALSE.

except zero, which is false **tuts+**

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