



C Short Hand If Else

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Short Hand If...Else (Ternary Operator)

There is also a short-hand if else, which is known as the **ternary operator** because it consists of three operands. It can be used to replace multiple lines of code with a single line. It is often used to replace simple if else statements:

Syntax

```
variable = (condition) ? expressionTrue : expressionFalse;
```

Instead of writing:

Example

```
int time = 20;  
if (time < 18) {  
    printf("Good day.");  
} else {  
    printf("Good evening.");  
}
```

Try it Yourself »

You can simply write:

Example

```
int time = 20;  
(time < 18) ? printf("Good day.") : printf("Good evening.");
```

Try it Yourself »

It is completely up to you if you want to use the traditional if...else statement or the ternary operator.

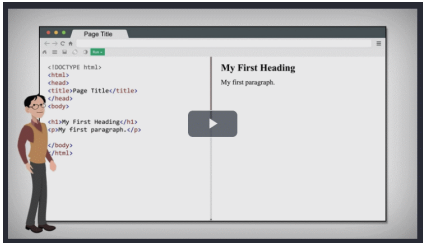
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