

Java Short Hand If...Else (Ternary Operator)

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Short Hand If...Else

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, and is most often used to replace simple if else statements:

Syntax

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

Instead of writing:

Example



HTML

CSS



```
if (time < 18) {  
    System.out.println("Good day.");  
} else {  
    System.out.println("Good evening.");  
}
```

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You can simply write:

Example

```
int time = 20;  
String result = (time < 18) ? "Good day." : "Good evening.";  
System.out.println(result);
```

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Test Yourself With Exercises

Exercise:

Insert the missing parts to complete the following "short hand if...else" statement:

```
int time = 20;  
String result =    time < 18    "Good day."    "Good evening.";  
System.out.println(result);
```

☐ Dark mode