

Ternary Operator

- The ternary operator is like if-else statement. This is a one-liner replacement for the if-else statement. It is used to write a conditional expression, where based on the result of a boolean condition, one of the two values is selected.

Syntax

`condition ? exprIfTrue : exprIfFalse`

Note: The ternary operator takes a condition and returns one of two values, depending upon the condition's boolean value, i.e., true or false.

Example Using If Else

```
void main() {  
    int num1 = 10;  
    int num2 = 15;  
    int max = 0;  
    if(num1 > num2) {  
        max = num1;  
    } else {  
        max = num2;  
    }  
    print("The greatest number is $max");  
}
```

Same example Using Ternary Operator

```
void main() {  
    int num1 = 10;  
    int num2 = 15;  
    int max = (num1 > num2) ? num1 : num2;  
    print("The greatest number is $max");  
}
```

Output in both of them

The greatest number is 15

Note: Ternary operator makes if-else code much shorter and readable. If you have problems with ternary, you can always use if-else.

