

TERNARY OPERATOR IN DART

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
```



Info

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.

Ternary Operator Vs If Else

We already learned if-else in dart. Let us see the same example using the if-else and ternary operator.

Example Using If Else

This program finds greatest number between two numbers 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");  
}
```

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Example 1: Using Ternary Operator

This program finds greatest number between two numbers using ternary operator.

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



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Info

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

Example 2: Ternary Operator Dart

If the selection value is 2 then it will set output as Apple otherwise, Banana.

```
void main() {  
    var selection = 2;  
    var output = (selection == 2) ? 'Apple' : 'Banana';  
    print(output);  
}
```



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Example 3 Ternary Operator Dart

This is a dart program to print whether the person is a voter or not using a ternary operator.

```
void main() {  
  var age = 18;  
  var check = (age >= 18) ? 'You ara a voter.' : 'You are not a voter.';  
  print(check);  
}
```

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Challenge

Create an int variable age and initialize it with your age. Write **ternary statement** to print “Teenager” if age is between 13 and 19 and “Not Teenager” if age is not between 13 and 19.

Video

Watch our video on the ternary operator in Dart.