Ternary Operator

The ternary operator in Dart, like many other languages, is a shorthand for an if-else statement that usually becomes longer if written with an if-else statement. The ternary operator is in fact the combination of a question mark "?" and a colon ":" where the value after the question mark is to be consumed if the condition is met and the value after the colon to be used if the condition is not met.

Further reading:

- Ternary Operator in C Explained - freeCodeCamp
- Ternary Operator In Java | Baeldung
- C++ Short Hand If Else (Ternary Operator) - W3Schools
- Ternary Operator - Coding Game
- What is a Ternary Operator? - Computer Hope

Examples

```dart
// in this extension we are exposing a getter called
// "isOrIsNot" on every value of type "bool" and this
// allows us to call "isOrIsNot" on any boolean value
// in order to get the string "is" or "is not" depending
// on whether the boolean value is true or false
extension IsOrIsNot on bool {
  String get isOrIsNot => this ? 'is' : 'is not';
}
void testIt() {
  // the following will print "is"
  print(true.isOrIsNot);
  // while this will print "is not"
  print(false.isOrIsNot);
}
```