Logical Operators

Logical operators in Dart are "&&", "||" and "!", where "&&" ensures both sides of the operator are "true", the "||" ensures that at least one of operators on the sides is true and the "!" operator inverts the condition provided to the operator. Together these three operators are the basic blocks of conditions in Dart and almost every other programming language available right now.

Further reading:

- Logical operators - dart.dev
- Dart Programming - Operators - Tutorialspoint
- Dart Logical operators - W3Schools | W3Adda
- Operators in Dart - GeeksforGeeks
- Logical Operators - Flutter by Example

Examples

```
1  final foo = true;
2  final bar = false;
3  if (foo && bar) {
4    // this block of code will be executed only if
5    // both foo and bar are equal to true
6  } else if (foo || bar) {
7    // while this block of code will be executed
8    // if either foo or bar is true
9  } else if (foo && !bar) {
10   // finally, this block of code will be executed
11   // if foo is true and bar is not true (false)
12 }
```