

Null

Null is a special value in Dart. It's not zero, it's an absence of a value in essence. Null, or as it is written in Dart, "null", can be assigned to any value that can contain optionals. Dart has support for the concept of nullability and for a value to be null it has to be nullable. A value of type "String" cannot contain "null", but a value of type "String?" can since the question mark denotes support for nullability.

Further reading:

- [Null - dart.dev](https://dart.dev/null)
- [Sound null safety - dart.dev](https://dart.dev/null-safety)
- [Null-aware Operators in Dart - Medium](https://medium.com/@michal.podgorski/null-aware-operators-in-dart-2019-08-14)
- [The worst mistake of computer science - Lucidchart](https://lucidchart.com/@luciddesigner/insights/the-worst-mistake-of-computer-science)
- [The Meaning of Null in Databases and Programming - arxiv.org](https://arxiv.org/abs/1607.08671)



Examples

```
1 // this value is denoted as an optional integer using
2 // the question mark, meaning that at any point
3 // in the execution of this code-scope, it's value
4 // can be set to null
5 int? value;
6 if (value == null) {
7     // using a simple if statement you can test
8     // for the nullability of this value
9     print('This value is null');
10 } else {
11     // and using "else" you can make sure this is
12     // variable is not null
13     final result = value + 2;
14     print(result);
15 }
```