

Integer

An integer is a value that can be described by a whole number, up to a limit, dictated by its container variable. An example of an integer is 1, 100, 1000, and so on. Integers can be either signed or unsigned. A signed integer can be either positive or negative, while an unsigned integer can only contain positive values, from and including 0 up to the limit dictated by the data type.

Further reading:

- [Integer - Wikipedia](#)
- [Numbers in Dart - Dart.dev](#)
- [int class in Dart - api.flutter.dev](#)
- [Integer in Dart - Educative.io](#)
- [Integer class - Pub.dev](#)



Examples

```
1 // a person's age is a good example of an integer
2 final age = 20;
3
4 // you can perform various operators such as
5 // division on an integer
6 final dividedByTwo = age / 2;
7
8 // multiplication is done through the * operator
9 final multipliedByTwo = age * 2;
10
11 // functions or getters can also return
12 // values of type integer
13 final lengthOfName = 'Foo Bar'.length;
```