

Constructors

Constructors are special functions inside the class that set up the class instance members. In other words, constructors set up the instance of the class so that it's ready for consumption. For instance, you might decide to throw an exception inside a class called `AdultPerson`, if the given age for that person is lower than 18. You can have classes without constructors as well.

Further reading:

- [Constructors - dart.dev](#)
- [Using constructors - dart.dev](#)
- [Constant Constructors - dart.dev](#)
- [Using parameterized types with constructors - dart.dev](#)
- [Constructors in Dart - GeeksforGeeks](#)



Examples

```
1 // here is an Adult class whose only responsibility
2 // for now is to accept a person's age and store it
3 // inside its "age" member
4 class Adult {
5     final int age;
6     // inside the constructor for this class we are
7     // taking precautions to ensure that the given
8     // age is in fact more than or equal to 18 and
9     // should that not be the case, our application
10    // will stop execution and crash, ensuring we
11    // won't pass invalid values to this constructor
12    const Adult({required this.age}) : assert(age >= 18);
13 }
```