Mixins

Mixins are reusable pieces of code that can be "dragged into" other classes. A class can inherit code from multiple mixins at the same time and in that sense mixins can be regarded as allowing multiple inheritance in Dart where a class can use multiple mixins at the same time. However in Dart, a class can only inherit functionality from one super-class at a time.

Further reading:

- Dart: What are mixins? - Medium
- Adding features to a class: mixins - dart.dev
- Introduction to Mixins in Dart - DigitalOcean
- Dart Mixins - techLog
- Mixins in Dart Programming - Tutorialspoint

Examples

```dart
1  // here are two mixing that provide two different
2  // functions to whoever uses them using the "with" keyword
3  mixin CanJump {
4    void jump() { print('Jumping...');}
5  }
6  mixin CanRun {
7    void run() { print('Running'); }
8  }
9  // this class uses the mixins and can invoke
10 // the jump() and the run() functions
11 class Human with CanJump, CanRun {
12   void test() {
13     jump();
14     run();
15   }
16 }
```