Collection If

The collection-if statement allows you to check for a condition, right inside the creation of a collection, such as a list or a map, and based on that condition, insert new values into the collection. This is a very useful feature that helps you in creating your collections based on conditionals. The syntax is the same as a normal if statement usually without the curly brackets around the value of the condition itself.

Further reading:

- Collection operators - dart.dev
- Collection if, collection for, spreads and Copying - YouTube
- Dart Features For Better Code: Spreads, Collection-If - YouTube
- Exploring Dart Collection Types - dev.to
- Dart/Flutter List Tutorial with Examples - BezKoder

Examples

```dart
class Person {
  final String firstName;
  final String lastName;

  const Person(this.firstName, this.lastName);

  // the collection-if statement allows you to embed
  // fully functioning if-statements inside your collection
  // creation code; in other words, inside the [] or the
  // {} code where you usually create your lists or maps/sets
  // you can include if-statements in order to determine
  // the result of your collection getters/functions

  List<String> names([bool includeLastName = true]) =>
      [firstName, if (includeLastName) lastName];
}
```