Rethrow

To rethrow an exception is to indicate to the consumer of your code that you could not handle the exception on your own and need the consumer to instead handle the exception. Rethrowing exceptions is very useful to improve the quality of your code and to ensure that your catch statements don't just catch everything and keep the caller in the dark. Rethrow where you can't handle the exception.

Further reading:

- DO use rethrow to rethrow a caught exception - dart.dev
- Throw, Catch and Finally - learndartprogramming.com
- Error handling in Flutter - medium.com
- Error handling - semantic-portal.net
- Exceptions and Error Handling in Dart and Flutter - Jilli Boutique

Examples

```
final name = 'Foo'; // length of this string is 3
try {
  final value = name[10]; // out of bounds
  print(value);
} catch (e) {
  if (e is RangeError) {
    // we can't handle this so we rethrow it to the
    // calling function that will then bre responsible
    // for handling it
    rethrow;
  } else {}
  print(e);
}
```