Testing Angular Applications

The Angular CLI automatically downloads and installs everything you need to test with the Jasmine framework

Jasmine: open source behavior driven unit testing framework for JS and TS

- Works with all JS applications

The tests are stored in files .spec.ts

In the Jasmine files there is a describe function which describes the test suite

Each individual test is a callback in the describe function called it()

functions such as
- beforeEach()
- beforeAll()
- afterEach()
- afterAll()

There are also function like Junits Assertions to test values against the correct value

To run the tests use ng test
- Don't be freaked out when most test fail by default

When we run ng test, it start running karma test runner
- Karma has the ability to create reports from the tests
- Karma can rerun your test on change
- Karma can be configured to test code coverage