Testing Questions

1. In Jest, what are the differences between describe() and it() globals, and what are good uses for them?

* it() tests single functions.
* describe() describes a set of functions under a single heading or suite.

1. What is the point of Test Driven Development? What do you think about this approach?

Test Driven Development is a great system where it allows us to get a better workflow to our codebase in that we save debugging time by only ever writing a piece of production code to pass a specific feature requirement / unit test. This makes a no error codebase from day one. My standpoint on this is that I tend to use TDD on occasion when doing medium to enterprise projects. it is a good practice to get in to when doing embedded systems programming for operating systems and security suites.

1. What are mocks? What are a good use cases for them?

Mocks are a way to create a shadow copy of a function in order to test the output. eg; a click event from a button / link can be mocked as we simulate the click via code.

1. Mention three types of automated tests.

* Unit Test
* Integration Test
* code Snapshot