Setting up development environment for testing react native expo code

To start with you need to install some libraries to be able to start testing your app

Since we are using react native as development tool which react native use jest javascript testing framework.

So first we needed to add test runner and supportive libraries.

We used yarn but you can also use npm

We added the libraries as development dependencies :
Such as yarn add — dev jest
Jest is our test runner

We added the configurational preset for jest specifically for expo apps since we are using react native with expo:

Such as jest-expo

We added mock to the fetch libraries since its good to mock them:

Such as jest-fetch-mock

We added actual testing library that would help us rendering our app and that will target different parts of it and interact with components in our test:

Such as react-native-testing-library

We added a support library for react native library:
Such as react-naive-renderer

After adding all this we need to package json and add some configuration before we start testing

We need add jest that will take an object:
Such as jest : { preset : jest expo, transformignorepatterns}

Transformpattren means we are not going to try to process code in certain directories

We added automock key setting it too true or false depends on if your mocking or not.

We added a script called test and run jest in it.

To start testing we needed to add a testing file: