1. **npm install -g react-native-cli**

* npm install – used to install npm modules/dependencies
* -g – used to install globally accessible.

1. **react-native init nijanthan\_test**

* react-native init – To initialize new react native project
* nijanthan\_test – project name (Folder will be created with the name)

1. **git init**

* git init – command used to initialize a git in the current folder.

1. **git commit -m “Fresh React Native app”**

* git commit – command used to locally commit the added files.
* -m – indicate the commit message argument

1. **react-native run-android**

* react-native run-android – command used to run react native app on connected android device or emulator.

**react-native run-ios**

* react-native run-ios – command used to run app on ios device or simulator.

1. React component created with the name SignIn, which contains SignIn text in middle.

Component changes pushed to the git with message “SignIn component”

1. Sign In UI implemented and code push to the git with message “SignIn component UI”.
2. Email and Password validation made for the SignIn component. Code pushed to the git with message “SignIn component validations”
3. //
4. //
5. Using **react-navigation,** can implement routes for the implemented react components. Can define the routes using **createStackNavigator**

npm install react-navigation –save

1. React components with stateful logic are very complex and hard to understand.

To minimize the complexity of the component using Hooks can divide one component into smaller function. With hooks can separate stateful logic from component, because of the it is reusable. After separating the logic from react components, it will be understandable and less complex. After separating the logic, components contains UI layouts.

-----Note-----

As I mentioned in the interview, I have not worked with react-native.

I have knowledge in react.js

I could not run or build the code because my laptop doesn’t have XCode or ADB.

Using my react knowledge I implemented the requested program.