# System Requirements

In order to use or create a React Native application, we should download and install some packages in advance, such as Chocolatey and Android Studio.

# Installation Instructions

During the Chocolatey installation, we also need to run the Administrator Command Prompt from our computers to install the Chocolatey packages.

We have to make sure that we are using the right Java SE Development Kit (JDK) version or package; otherwise, when we run the application, an error will pop up.

Then we install another application which is Android Studio. We need to ensure that we have some items which are checked during installation. Selecting and installing additional features to make the application be able to run.

# Configuration Steps

After we complete the installation step, we will run a command line in the Visual Studio Code to run the application.

# Project Creation

In the Project Creation step, we need to perform “npm start” or “npm run android” command line to start the program. In order to let the program run properly, we need to have the Intel HAXM packages installed; otherwise, the program will throw an error or doesn’t run. An additional requirement needs to be activated is the Windows Hypervisor Platform.

# Running The Project

We can either run the program on Visual Studio Code or at the Android Studio. As long as we perform “npm start” or “npm run android” command line; the program will run as expected.

When we complete the project framework, we can run the application in an Android Device Simulator by opening a Terminal and run a command line to open the Android Simulator to view the work.

# Troubleshooting

We may be stuck at installing the Intel x86 Emulator Accelerator (HAXM). [Here](https://github.com/intel/haxm/wiki/Installation-Instructions-on-Windows#user-content-Downloading_Intel_HAXM) is the link to solve this issue.

# Resources

Here are some links to research and study deeper on React Native.

[React Native – Education Source](https://reactnative.dev/docs/getting-started)

[Setting Up React Native](https://reactnative.dev/docs/environment-setup?guide=native)