#### 1.-------install npm,node,android-dtudio,sdk

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#### 2.------Configure the ANDROID\_HOME environment variable

The React Native tools require some environment variables to be set up in order to build apps with native code.

Add the following lines to your $HOME/.bash\_profile config file:

export ANDROID\_HOME=$HOME/Android/Sdk  
export PATH=$PATH:$ANDROID\_HOME/tools  
export PATH=$PATH:$ANDROID\_HOME/platform-tools

**forandroid studio ubuntu**

#android\_path

export android=$HOME/android-studio/bin/studio.sh

export ANDROID\_HOME=$HOME/Android/Sdk

export PATH=$PATH:$ANDROID\_HOME/tools

export PATH=$PATH:$ANDROID\_HOME/platform-tools

**For android studio MAC**

**touch ~/.bash\_profile; open ~/.bash\_profile**

export JAVA\_HOME=/Applications/Android\ Studio.app/Contents/jre/jdk/Contents/Home

**#####setup Gradle############**

**In Terminal need permission**

sudo chmod -R a+rwx /Applications/Android\ Studio.app/Contents/gradle/

export PATH=$PATH:/Applications/Android\ Studio.app/Contents/gradle/gradle-4.6/bin

3-------------install ionic

<https://ionicframework.com/docs/intro/installation/>

$ npm install -g ionic cordova

4.-----------$ ionic start projectname

5.----------$ cd cutePuppyPics

$ ionic serve

it will show on browser

localhost:8100

<http://localhost:8100/ionic-lab>

6.------------to run emulator <26

6.1---install gradle

sudo apt-get install gradle

sudo add-apt-repository ppa:cwchien/gradle sudo apt-get update sudo apt-get install gradle-ppa

[7.cd](http://7.cd/) projectname

8.ionic cordova plateform add android

9.ionic cordova run android