Android and iOS- Appium

**Native**- camera, calc

**hybrid**- combination of native and webapps- fb, linkedIn

**web apps**- browser- chrome, safari

API level minimum required is 16

iOS Real device- apple dev prog- 99usd/yr

iOS Simulator

**Pre requisites:**

java- jdk 1.8

Android studio

eclipse

Appium tool - gui

appium jar - Api

Selenium jar

Specific to Ios - Xcode

**Android Studio:**

AVD manager: Virtual Device manger

SDK manager: software development kit

Setup AVD device:

Tools-AVD manager- select phone- download oS version- finish-run emulator

APPIUM:

Two way installation

1. **GUI**
2. **Node NPM-** command line

* In GUI method we have to install Appium from Appium.io and install that and then we can start the port.
* If we have node installed in our system, directly we can type and run in cmd “npm install -g appium”, it will take some time and it will install. Then type Appium and we can see same log which we have seen in gui method.

MAVEN: It’s a build tool or dependency management tool.

We have to download maven and set the bin folder of it in environmental variable.