Appium

* Appium is same as selenium
* For mobile automation Appium is born
* Protocol- JSONWP (JsonWireprotocal)
* Driver In Appium

1. Ios- IOS driver, XCUITestDriver
2. Android- Android driver, UIAutomator2Driver, EspressoDriver

* Appium SetUp

1. Download JDK and install
2. Download android studio- <https://developer.android.com/studio>
3. Download and install android studio
4. Setup Environmental veriable

* ANDROID\_HOME
* Build tool, platform and platform tool path add in paths
* Add AVD device🡪 click on Device manager 🡪 phone 🡪 device name (select play store device)🡪 download device finish

1. Download Appium from google - <https://github.com/appium/appium-desktop>
2. Download Appium inspector

***Install appium via command prompt***

* Install npm : **brew install node**
* Install appium : **npm install -g appium**
* Start Appium : **Appium &**
* Stop Appium : **pkill -9 -f Appium**
* Install Appium doctor : **npm install -g Appium-doctor**
* Install APK

1. Open android studio
2. Open AVD
3. Drag and drop APK and move to emulator screen
4. If fail then go to APK editor

* Install APK editor

1. Install APK editor- <https://qwertycube.com/apk-editor-studio>
2. Install and select install APK and install our APK and check on device

* Install Appium Inspector

1. Open Appium
2. Click on search and it redirect to github page : https://github.com/appium/appium-inspector
3. Go to installation and click on release: https://github.com/appium/appium-inspector/releases
4. Download Appium inspector basis on OS
5. Install Appium inspector
6. Config. : provide host , port and url
7. Provide capabilities like : platmaforname, deviceName, platformversion,app(apk path),automation : UIAutomator2