

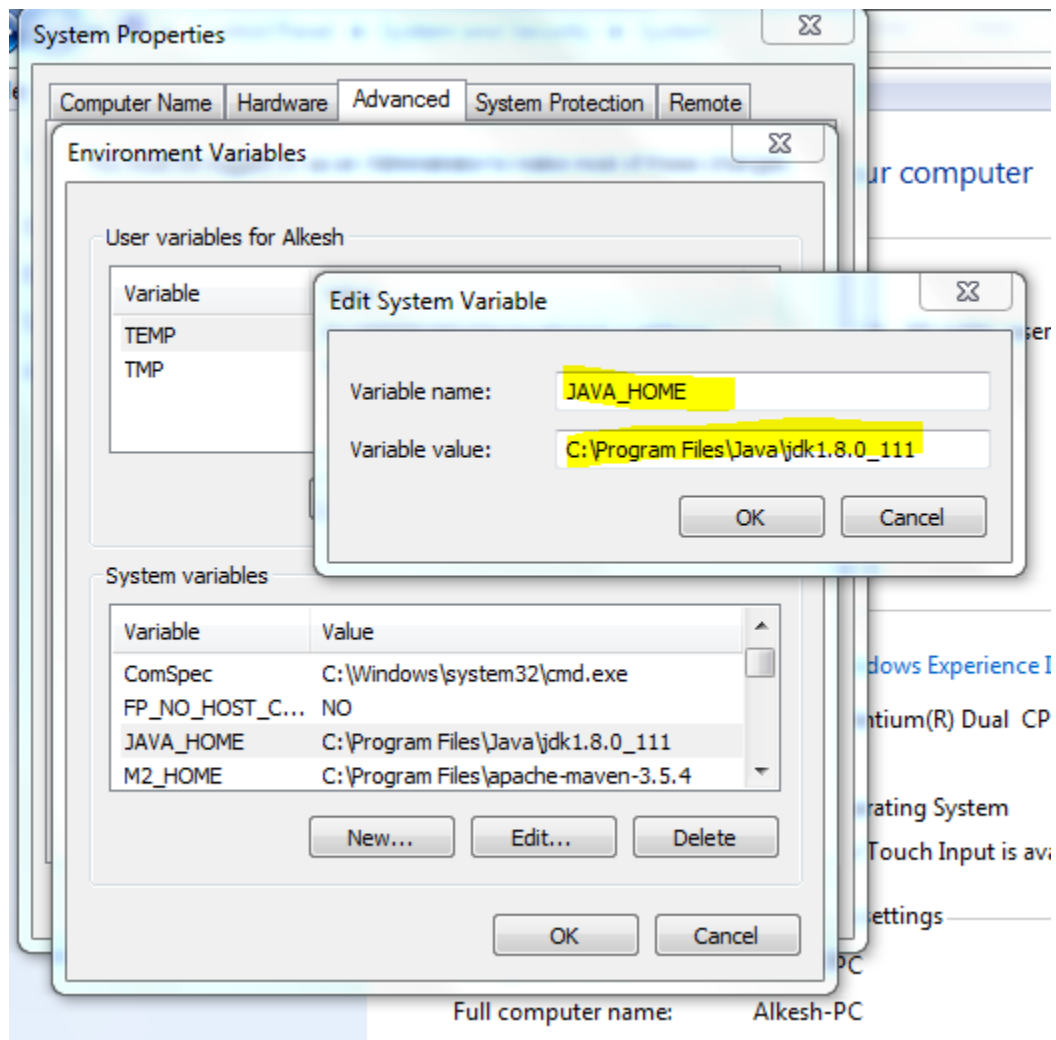
## Appium Setup

Software required

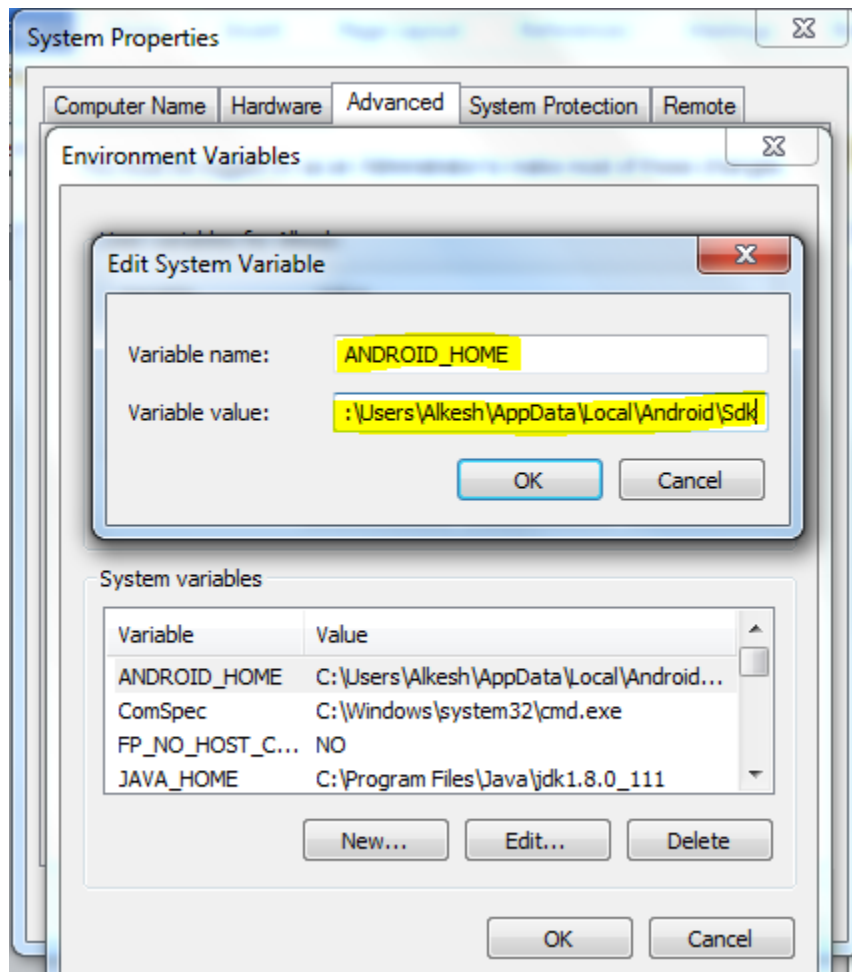
Jdk, Android studio, Node js

Steps:

1. Install jdk and set path in environment variable and set path



## 2. Install Android Studio and set path

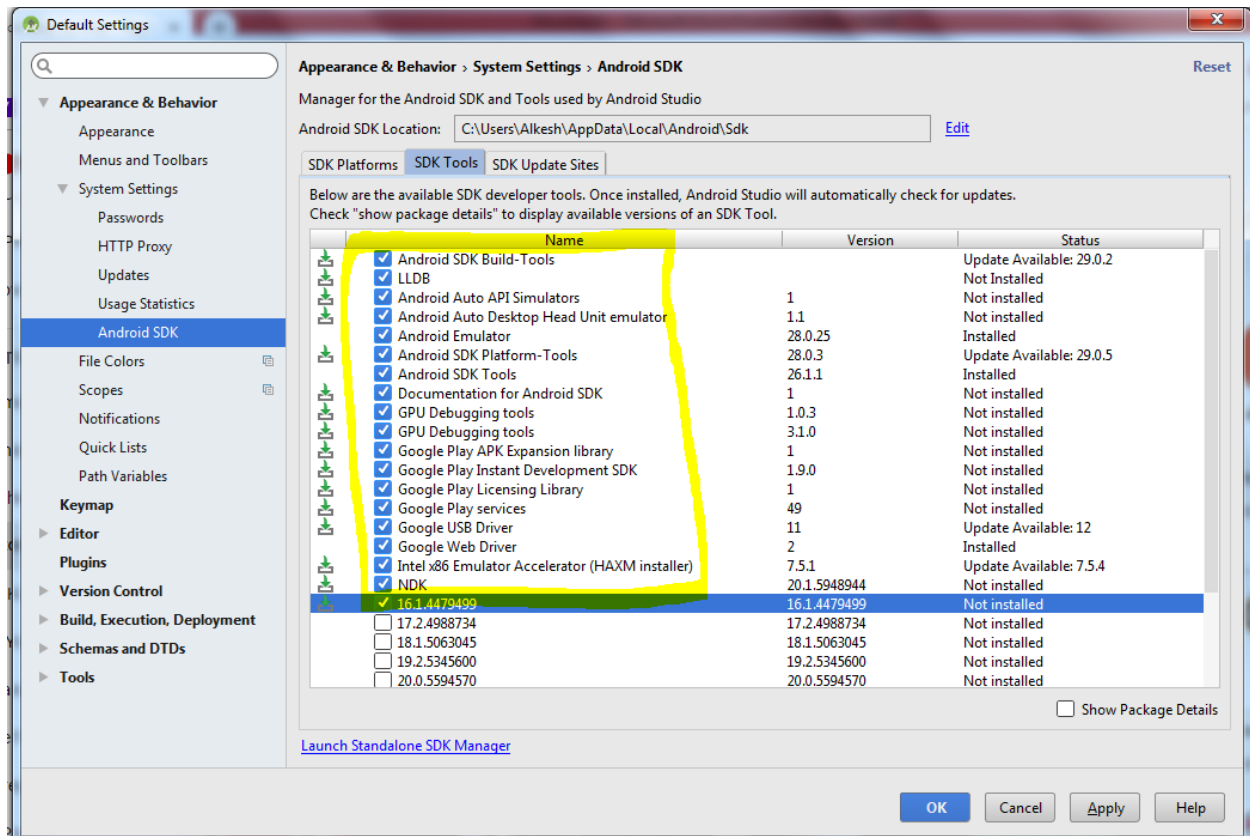
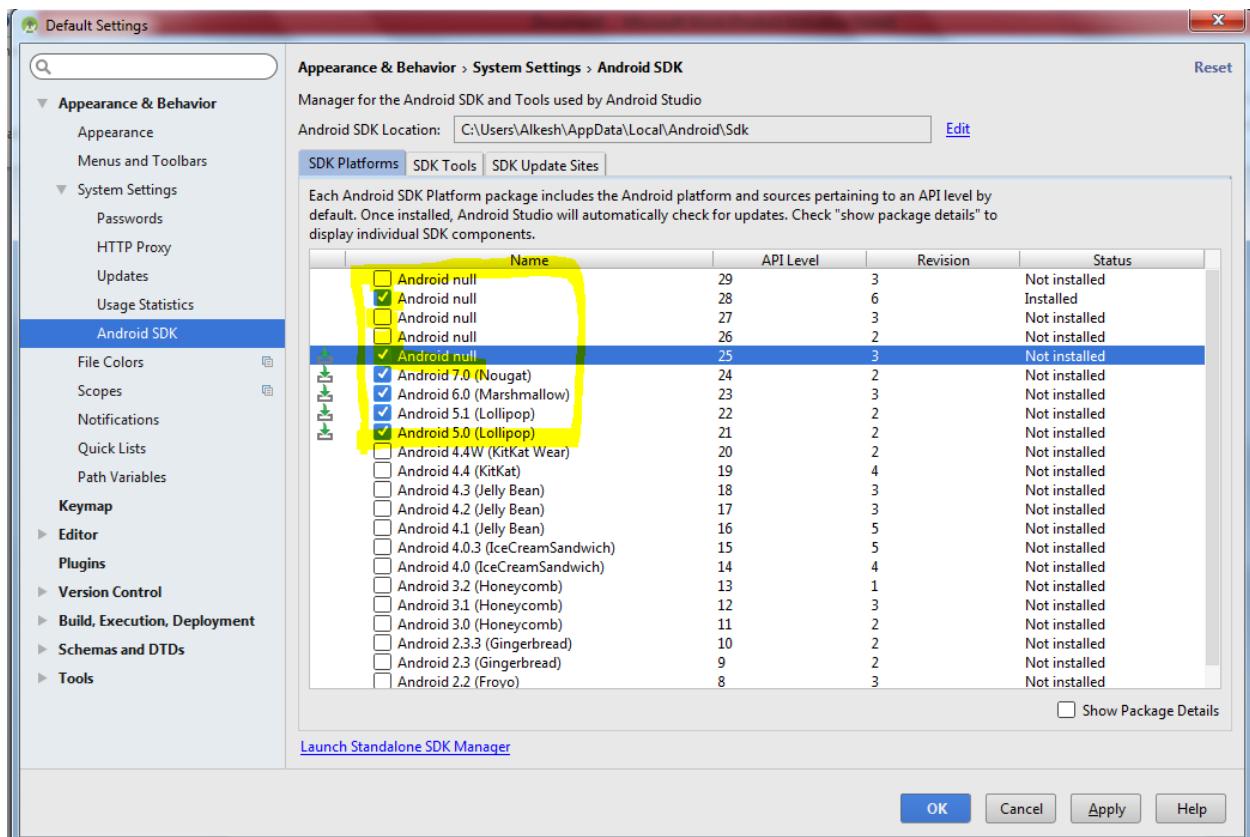


## 3. Android Configuration

Start Android studio ,> Configure > Setting> Android SDK > SDK Platform

And select all required android version e.g If your Android device OS version is Nougut then select Nougut and then click on Apply and OK refer below screenshot.

On same page select SDK Tools Tab and select all available package and click on Apply and OK. Refer below screenshot



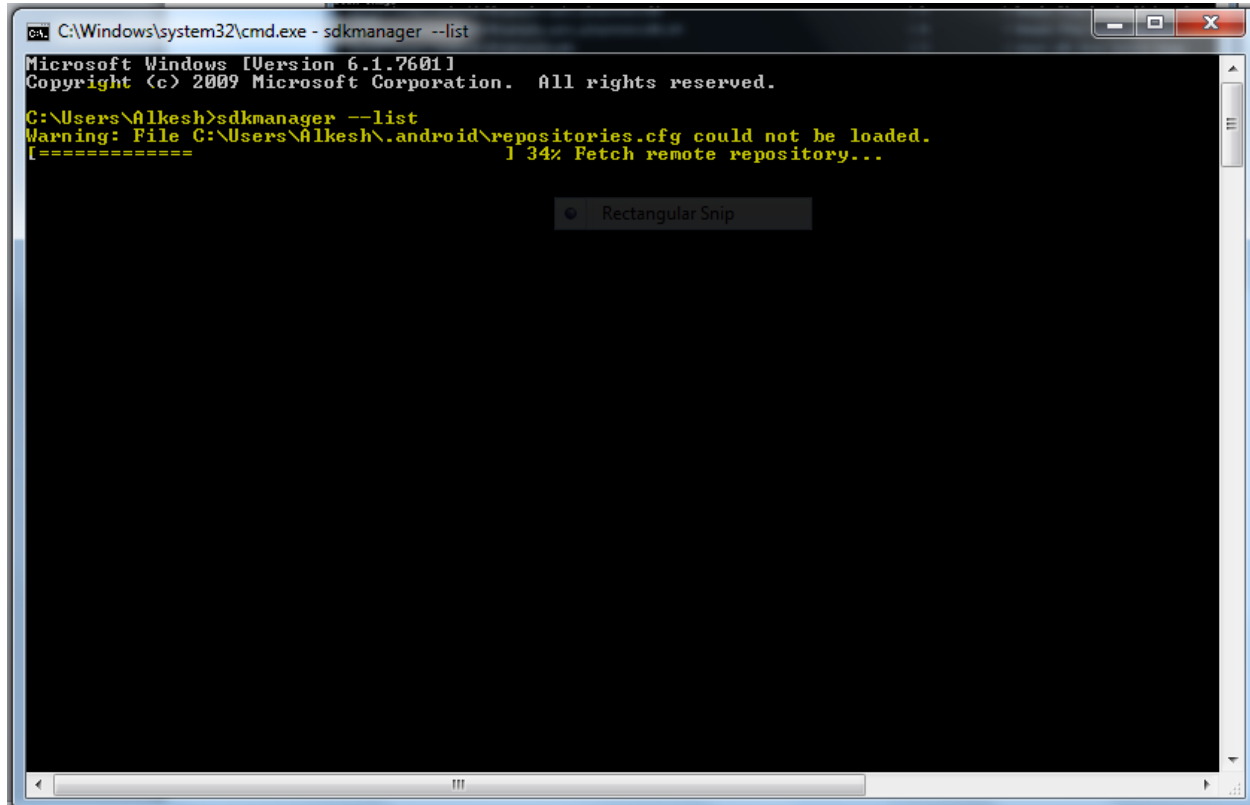
4.set path platform tools and other bin path in environmental variable

Select variable **Path** and click Edit button and add below path at the end of it's value as it is and save

`;%ANDROID_HOME%\tools;%ANDROID_HOME%\tools\bin;%ANDROID_HOME%\platform-tools`

5. finally open cmd and type below command

`sdkmanager --list`



```
cmd. C:\Windows\system32\cmd.exe - sdkmanager --list
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\Alkesh>sdkmanager --list
Warning: File C:\Users\Alkesh\.android\repositories.cfg could not be loaded.
[=====] 34% Fetch remote repository...
```

```
C:\Windows\system32\cmd.exe
Image
system-images;android-28;android-wear-cn;x86      | 3      | China version of Wear OS Intel x
86 Atom System Image                             | 3      | Wear OS Intel x86 Atom System Im
system-images;android-28;android-wear;x86         | 4      | Intel x86 Atom System Image
system-images;android-28;default;x86              | 4      | Intel x86 Atom_64 System Image
system-images;android-28;default;x86_64           | 10     | Google APIs Intel x86 Atom Syste
system-images;android-28;google_apis;x86          | 9      | Google APIs Intel x86 Atom_64 Sy
system-images;android-28;google_apis_playstore;x86 | 9      | Google Play Intel x86 Atom Syste
system-images;android-28;google_apis_playstore;x86_64 | 8      | Google Play Intel x86 Atom_64 Sy
system-images;android-29;default;x86              | 7      | Intel x86 Atom System Image
system-images;android-29;default;x86_64           | 7      | Intel x86 Atom_64 System Image
system-images;android-29;google_apis;x86          | 9      | Google APIs Intel x86 Atom Syste
system-images;android-29;google_apis;x86_64       | 9      | Google APIs Intel x86 Atom_64 Sy
system-images;android-29;google_apis_playstore;x86 | 8      | Google Play Intel x86 Atom Syste
system-images;android-29;google_apis_playstore;x86_64 | 8      | Google Play Intel x86 Atom_64 Sy
system-images;android-Q;android-tv;x86            | 1      | Android TV Intel x86 Atom System
Image tools                                       | 26.1.1 | Android SDK Tools

Available Updates:
ID          | Installed | Available
-----
extras;google;usb_driver      | 11        | 12
extras;intel;Hardware_Accelerated_Execution_Manager | 7.5.1     | 7.5.4
platform-tools                | 28.0.3     | 29.0.5

C:\Users\Alkesh>
```

6. Install Node JS and run below command to install Appium

`npm install -g appium` (it will install latest version of appium)

To install specific version of appium run below command (E.g. Appium 1.6 version)

`npm install -g appium@1.6`