Android Studio Class Instruction for Homework

***Android Studio ( Windows and MAC )***

***JAVA : last stable version is 8u211 . Works without problem with latest ANdroid Studio.***

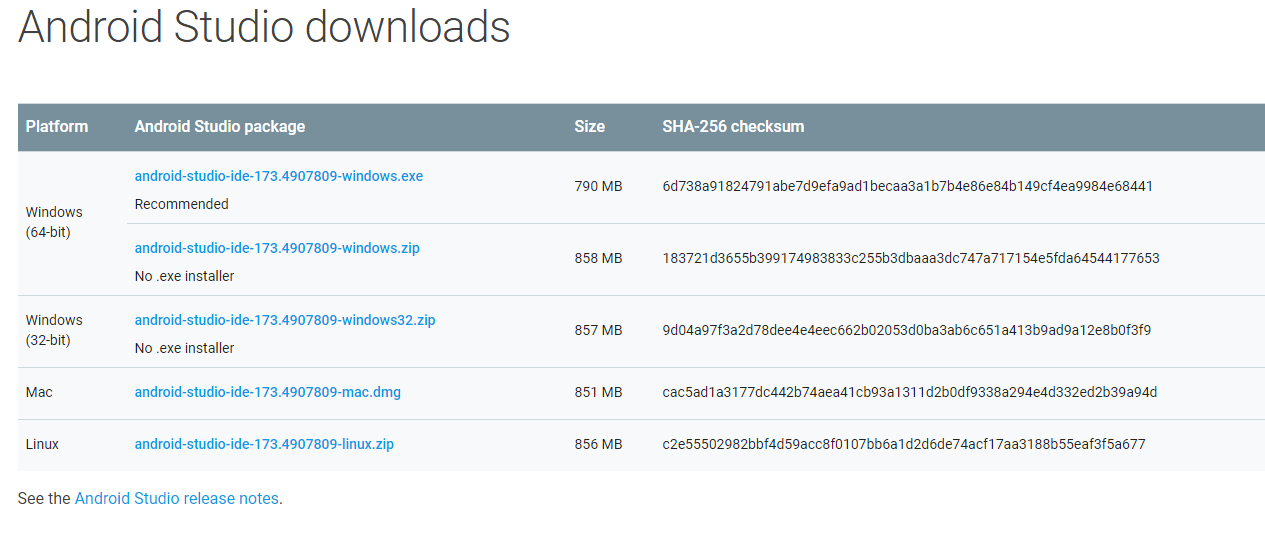
***Remove JAVA 9 if you have it installed and download this :***

[***https://java.com/en/download/***](https://java.com/en/download/)

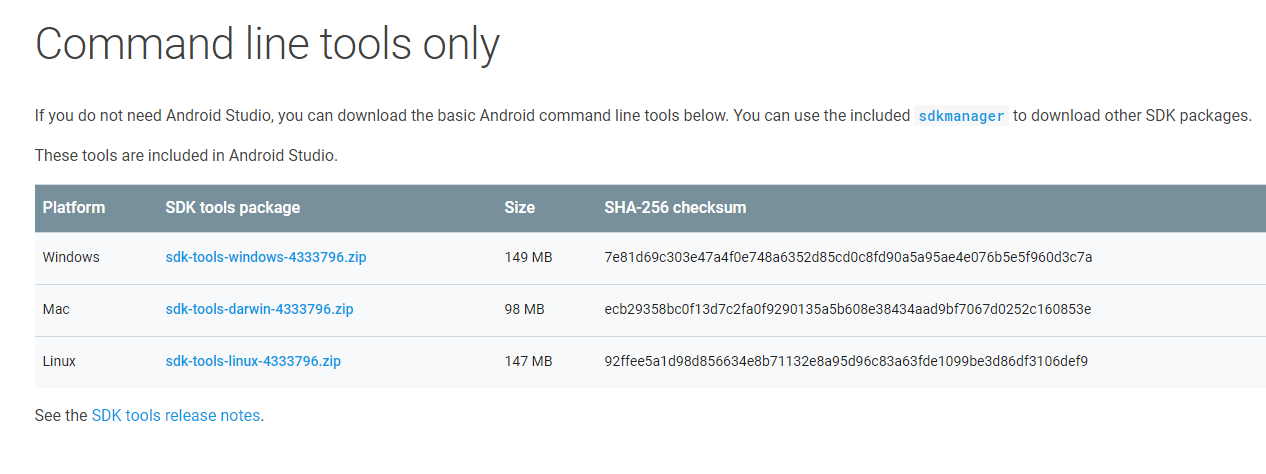
***ANDROID STUDIO  ( only to be installed on your PC/MAC/Laptop, not on your mobile device )***

***This could go for a few days, as Android Studio installation and setup can take some time. Before we start I want to be sure that all of you have it.***

1. ***Download Android Studio for windows 64bit  from***[***https://developer.android.com/studio/***](https://developer.android.com/studio/)
2. ***Or select Android studio for MAC in the same place***

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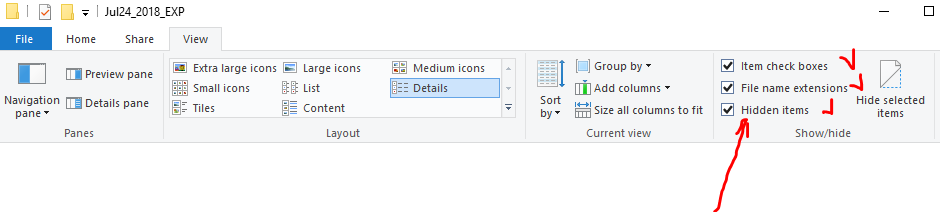
1. ***Scroll down on a same page , download and install SDK Platform-Tools ( Windows and MAC )***

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***If you have 32bit Windows : Download Android Studio from the same link as #1 . Once installation is complete do not click icon to open it. INSTEAD go to your Explorer ( follow instructions from a document where to find SDK directory , open it and in BIN-->run studio.exe , not studio64.exe***

3. **In Windows ONLY ( this is Windows 10)** → ***ENABLE ALL HIDDEN FILES AND FOLDERS in FOLDER “VIEW OPTIONS” in WIndows.***

***You will not find your SDK otherwise ( READ INSTRUCTIONS )***

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***For Windows 7 : Go to Organize-->Folder Options-->View***

***4. Open Android Studio .***

***Proceed with Defaults , don’t change any directories while creating a new project.***

***Just go next, next , next…. Until Android Studio opens up and all processes being loaded.***

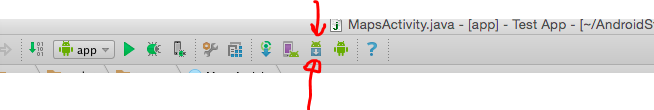
***It may take a few minutes especially the first time .***

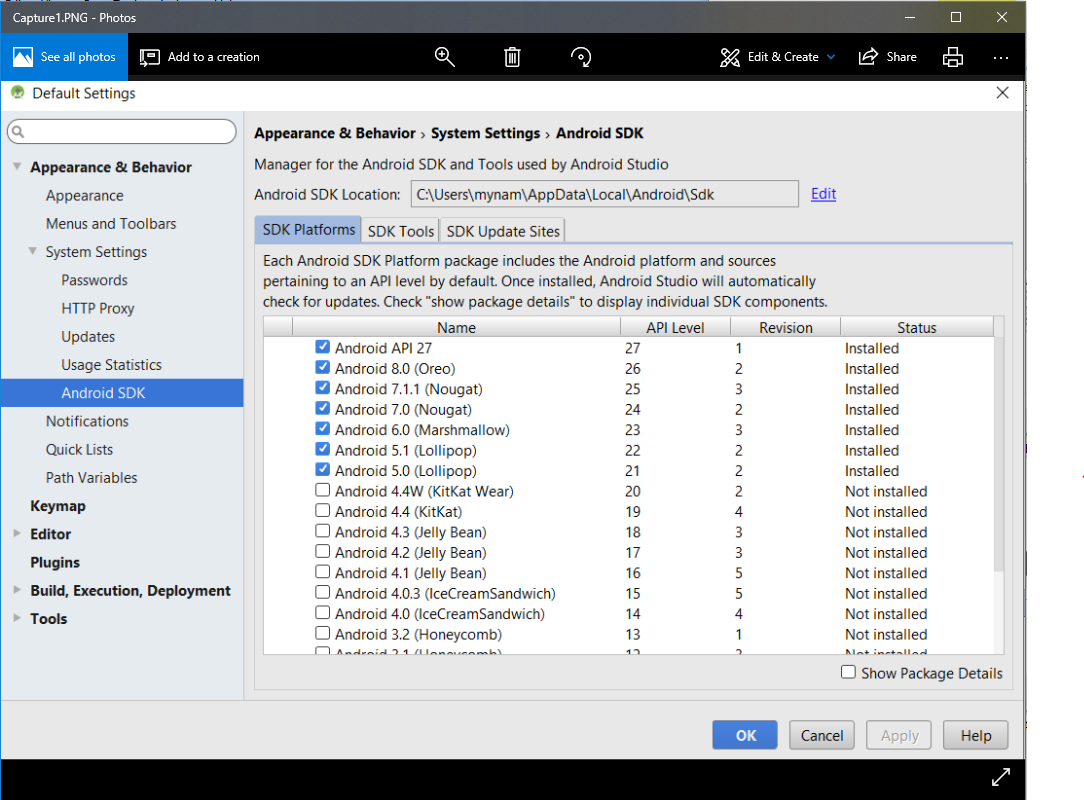
***( at the bottom there is a tab : Terminal )***

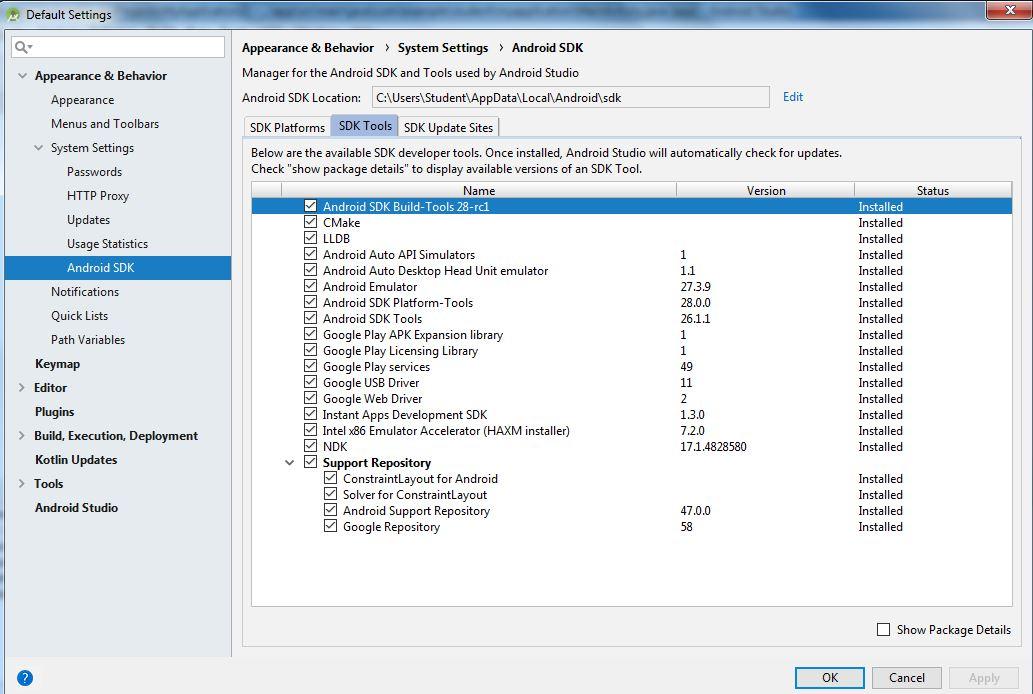
***Install all updates that Android Studio is prompted you to do. Click the suggested links for upgrades inside terminal.***

***After you are done, ……***

***5. Click an icon : SDK Manager on a Top Bar ( icon may look different in a newer ANdroid Studio - point a mouse to see icon description )***

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***Select the following boxes, check and install ( you will see more options above Android API 28…check and download all that is above Android 5.0 Lollipop.)#1***

***# 2   ( you may see more options or slightly different above CMake….)***

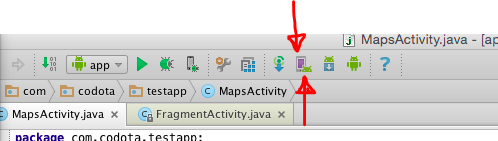
***MAC USERS : READ INSTALLATION instructions CAREFULLY.***

***JUST INSTALL ANDROID STUDIO. No further actions needed at this time.***

***I will guide you how to connect the device in Class***

***DO NOT CONTACT ME in case you are jumping ahead and trying to connect your device yourself.***

***3.* Create an Emulator:**



***Create Nexus One with 480x800 resolution.***

***You will be presented with a list of OSs to download .***

***Select Marshmallow 6.X***

***Download it .***

***If you receive a message regarding VTx ( virtualization and Hardware Acceration ) , refer to this document in our Android Studio folder***

***We will do troubleshooting in class.***

***I will also help you to connect devices in class.***

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