# INSTALLATION STEPS

## Step 1:

Install the android studio (3.5.3) https://developer.android.com/studio
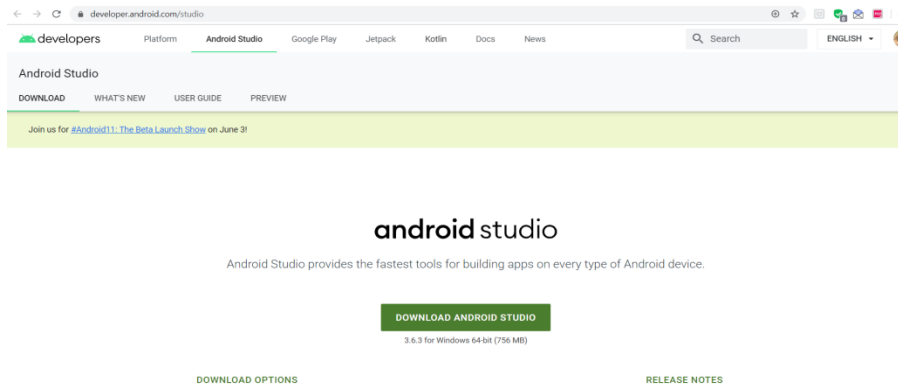


## Step 2:

launched   android-studio-bundle-143.2821654-windows.exe   to   start   the   installation process. The installer responded by presenting the Android Studio Setup dialog box shown below.

Click on Next button it will show the following dialog box, which gives the option to decline installing the Android SDK (included with the installer) and an AVD
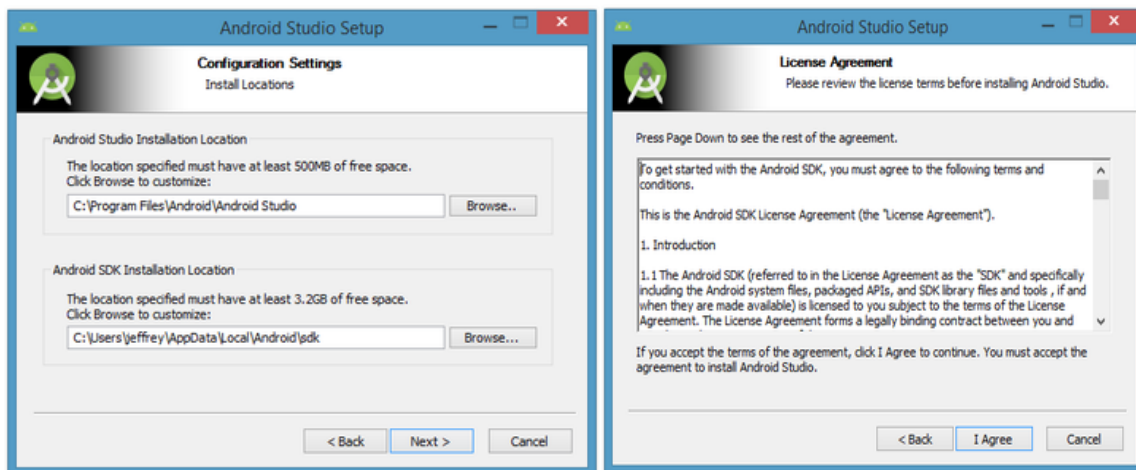
Step 3:

Choose to keep the default settings. After clicking Next, you'll be taken to the license agreement dialog box. Accept the license to continue the installation.
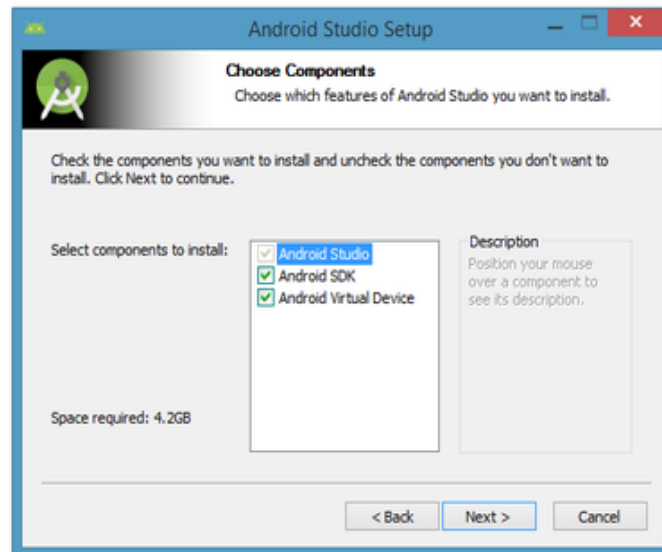


Step 4:

The next dialog box invites you to change the installation locations for Android Studio and the Android SDK.

Step 5:

Change the location or accept the default locations and click Next. The installer defaults to creating a shortcut for launching this program, or you can choose to decline. I recommend that you create the shortcut, and then click the Install button to begin installation.
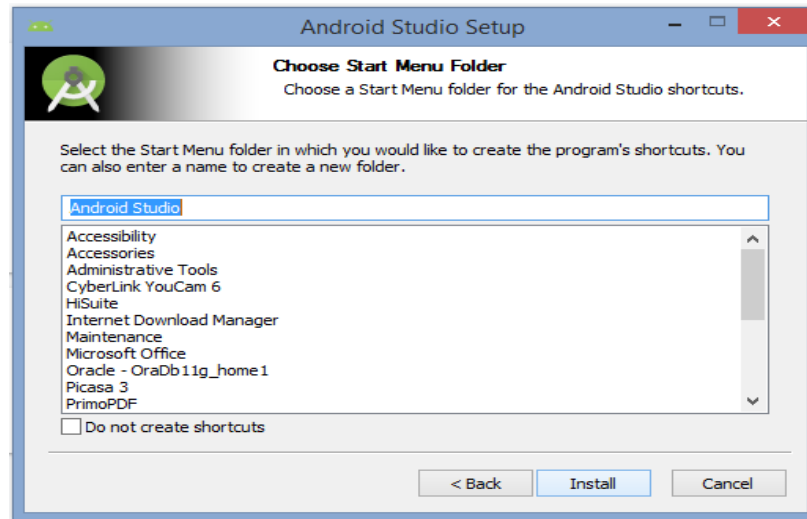


Step 6:

The resulting dialog box shows the progress of installing Android Studio and the Android SDK. Clicking the Show Details button will let you view detailed information  about the installation progress. The dialog box will inform you when installation has finished. When you click Next, you should see the following:



To complete your installation, leave the Start Android Studio box checked and click Finish.
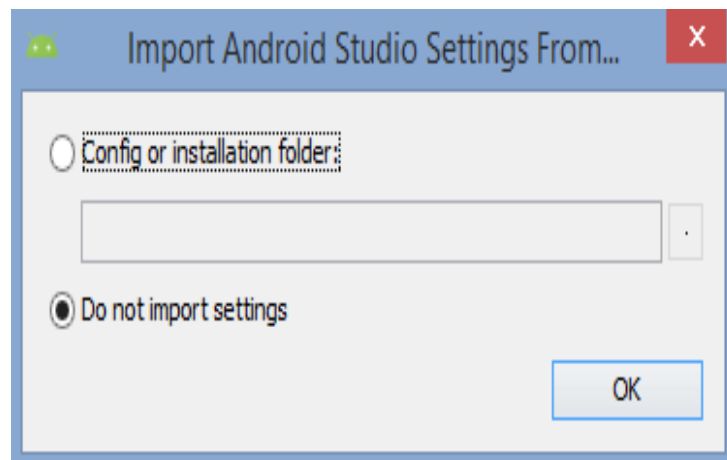
Step 7:

Running Android Studio:

Android Studio presents a splash screen when it starts running:



Step 8:

On the first run, it will be asked to respond to several configuration-oriented dialog boxes. The first dialog box focuses on importing settings from any previously install version of Android Studio.



If you like this, and don't have a previously installed version, you can just keep the default setting and click OK. Android Studio will respond with a slightly enhanced version of the splash screen, followed by the Android Studio Setup Wizard dialog box.
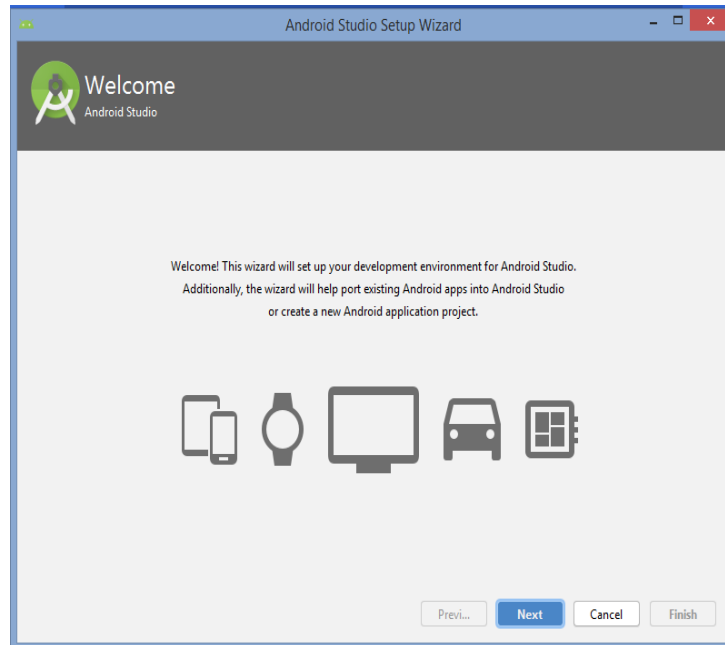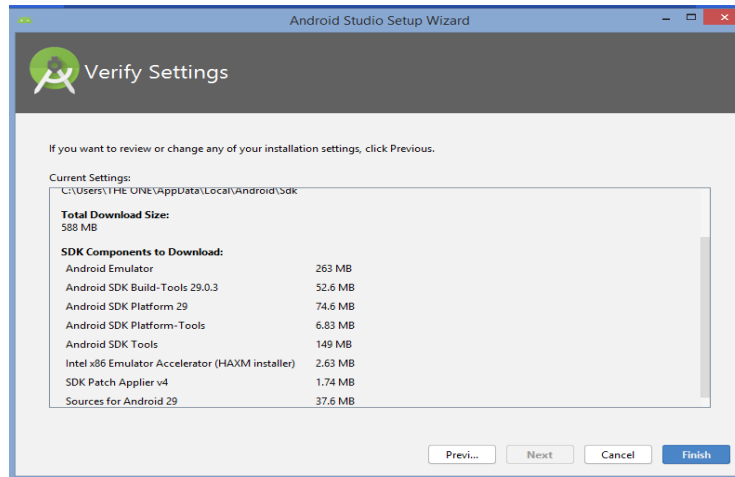
Step 9:

When you click Next, the setup wizard invites you to select an installation type for your SDK components. For now, I recommend you keep the default standard setting.
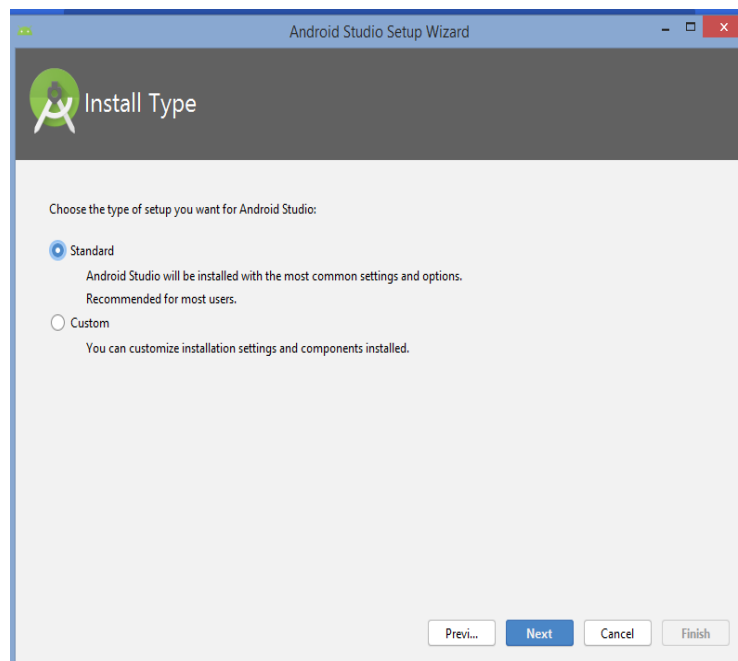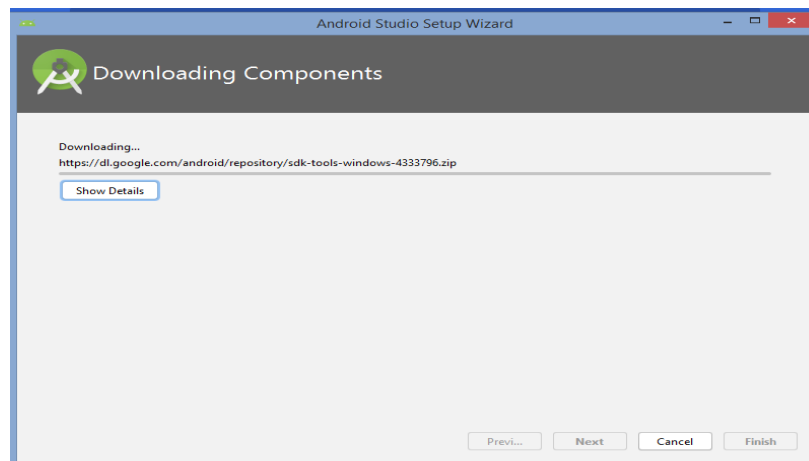
Step 10:

Click Next and verify your settings, then click Finish to continue.



The wizard will download and unzip various components. Click Show Details if you want to see more information about the archives being downloaded and their contents.



Finally, click Finish to complete the wizard. You should see the Welcome to Android Studio dialog box:

You'll use this dialog to start up a new Android Studio project, work with an existing project, and more. You can access it anytime by double-clicking the Android Studio shortcut on your desktop.

## Step 11:

Starting a new project

From our setup so far, you should still have Android Studio running with the Welcome to Android Studio dialog box. From here, click Start a new Android Studio project. Android Studio will respond with the Create New Project dialog box as shown below.
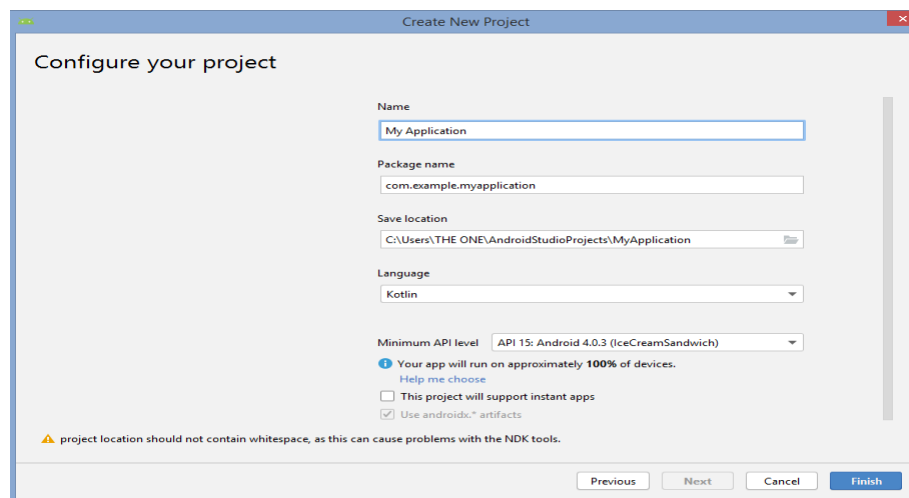


Enter W2A (Welcome to Android) as the application name and javajeff.ca as the company domain name. You should then see
C:\Users\jeffrey\AndroidStudioProjects\W2A as the project location.

Click Next to select your target devices.
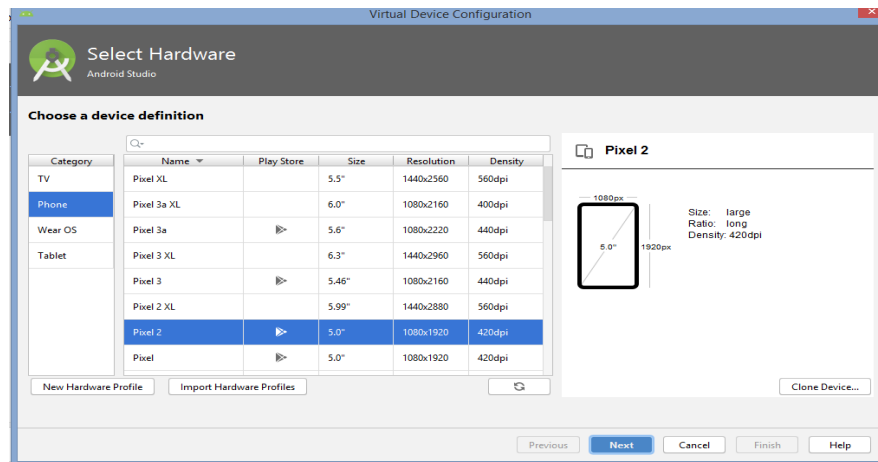


Android Studio lets you select form factors, or categories of target devices, for every app you create. I would have preferred to keep the default API 15: Android 4.0.3 (IceCreamSandwich) minimum SDK setting (under Phone and Tablet), which is supported by my Amazon Kindle Fire HD tablet. Because Android Studio doesn't currently support this API level (even when you add the 4.0.3 system image via the SDK Manager), I changed this setting to API 14: Android 4.0 (IceCreamSandwich), which is also supported by my tablet.

Click Next, and you will be given the opportunity to choose a template for your app's main activity. For now, we'll stick with Empty Activity. Select this template and click Next.
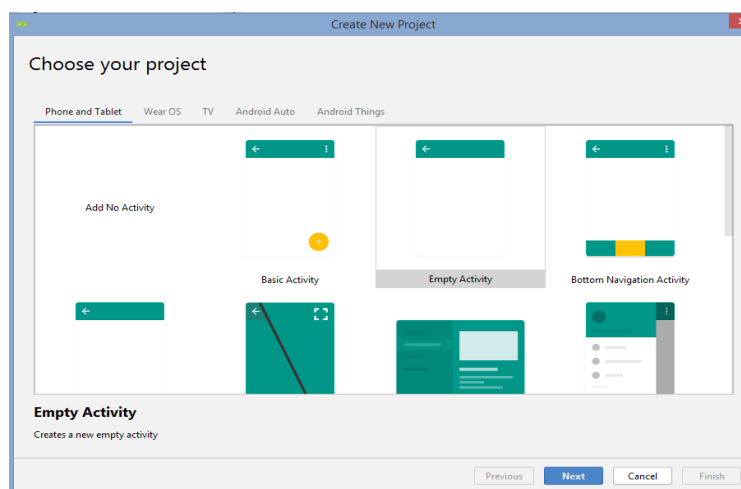
Next, you'll customize the activity:
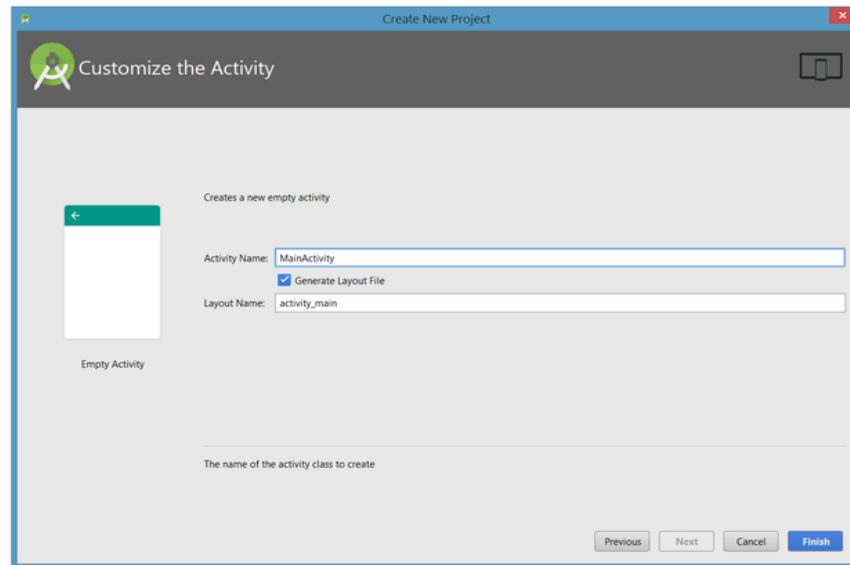


Enter Trip Planner as the activity name and main as the layout name, and click Finish to complete this step. Android Studio will respond that it is creating the project, and then take you to the project workspace.
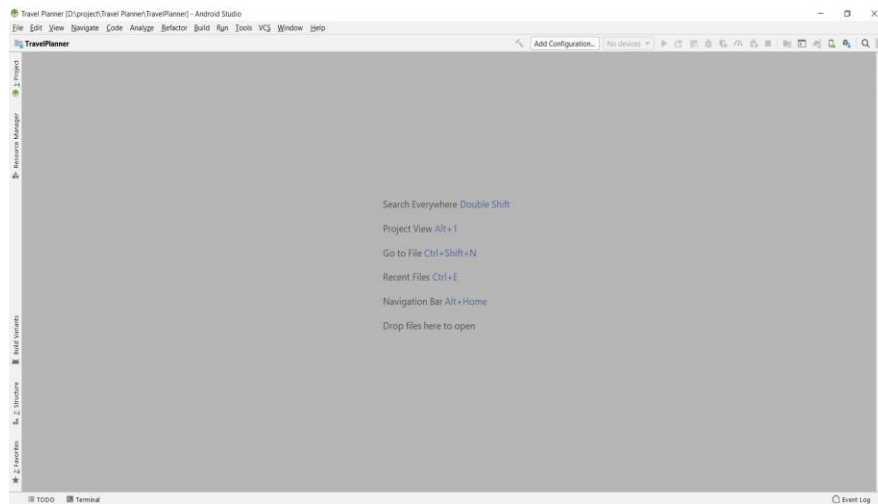


The project workspace is organized around a menu bar, a tool bar, a work area, additional components that lead to more windows (such as a Gradle Console window), and a status

bar. Also note the Tip of the Day dialog box, which you can disable if you like. These details will be appearing in two new windows

The project and editor window

When you enter the project workspace, Trip Planner is identified as the current project, but you won't immediately see the project details. After a few moments.