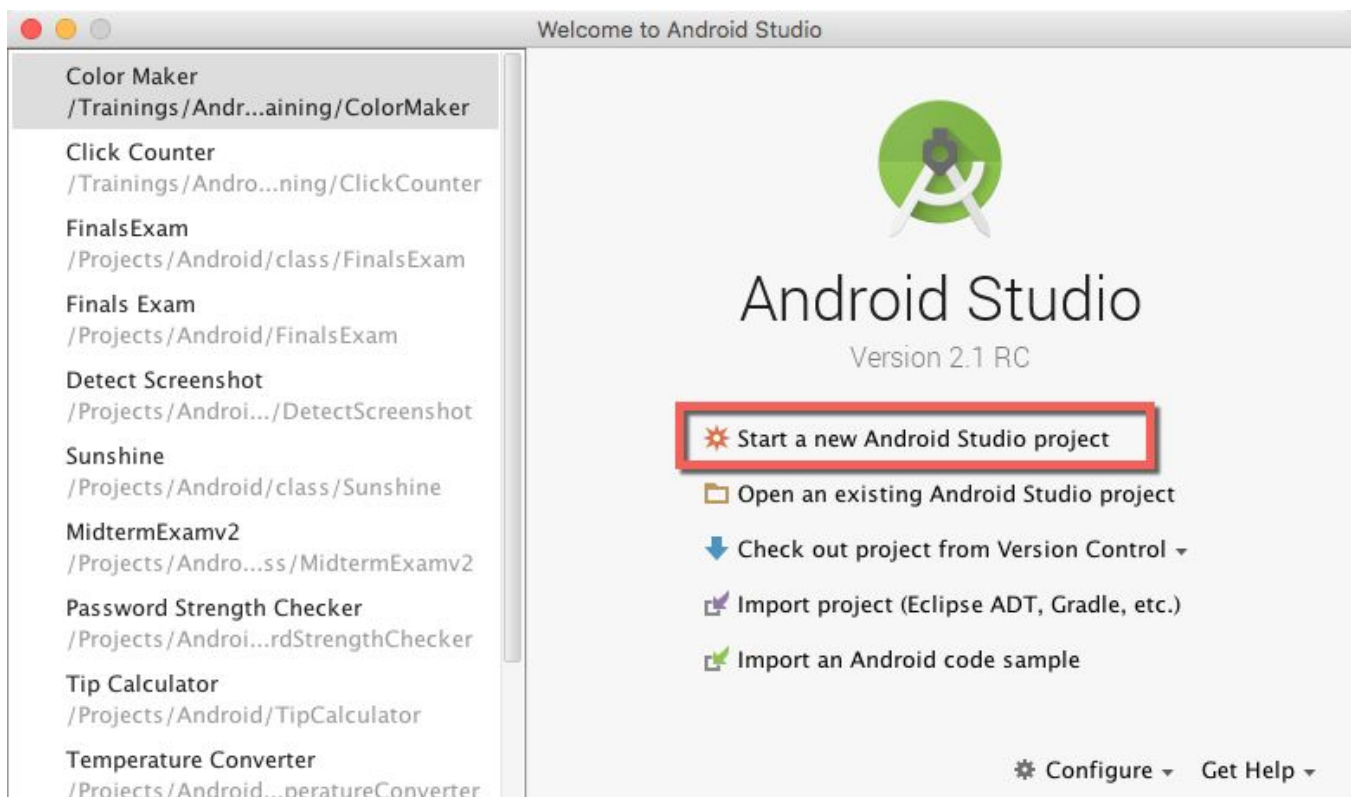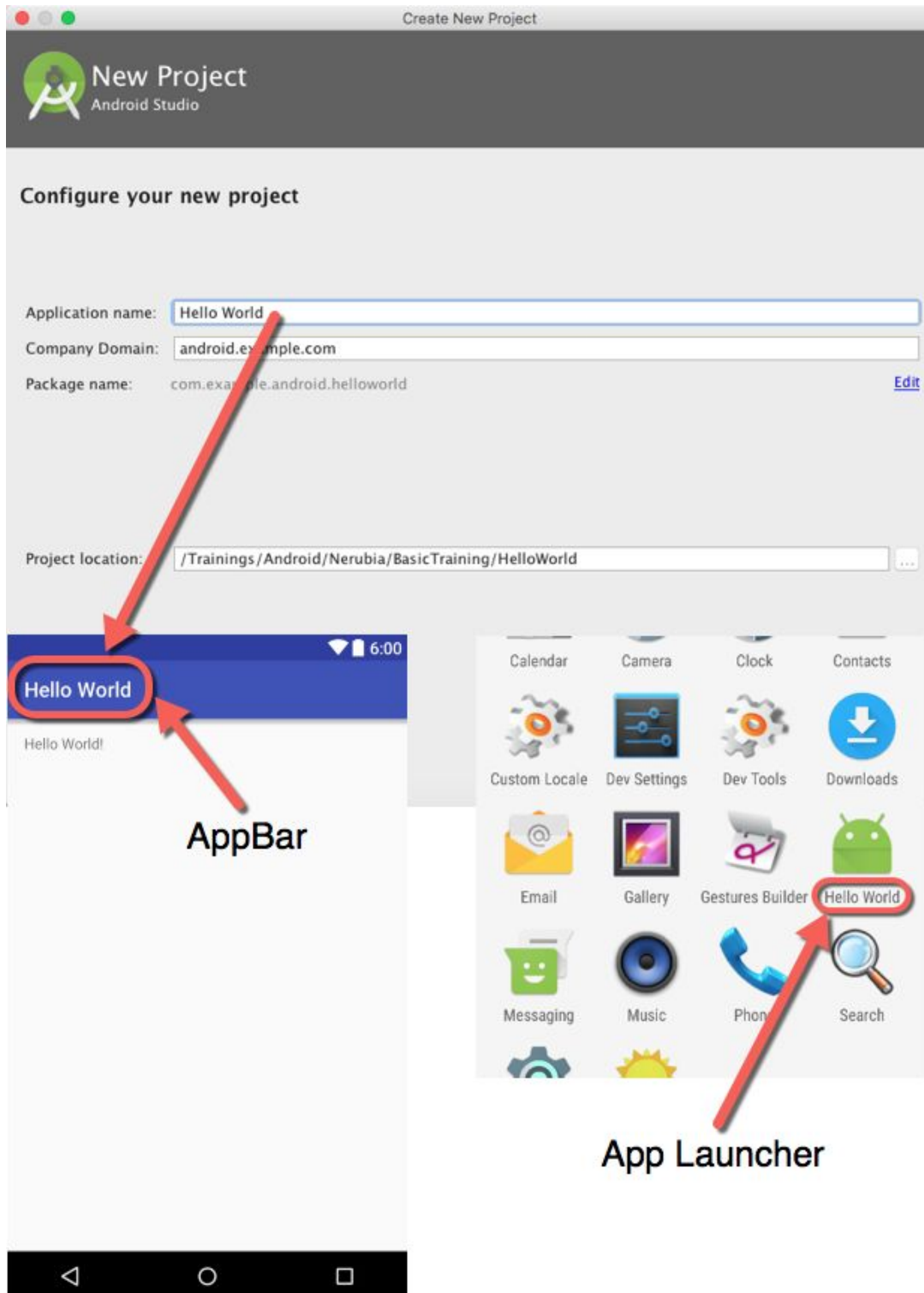# Hello, World

1) Welcome to Android Studio Screen

First, open Android Studio. You should see this window. Go ahead and click Start a new Android Studio Project. An Android Studio Project typically means the code and files for one Android Application.
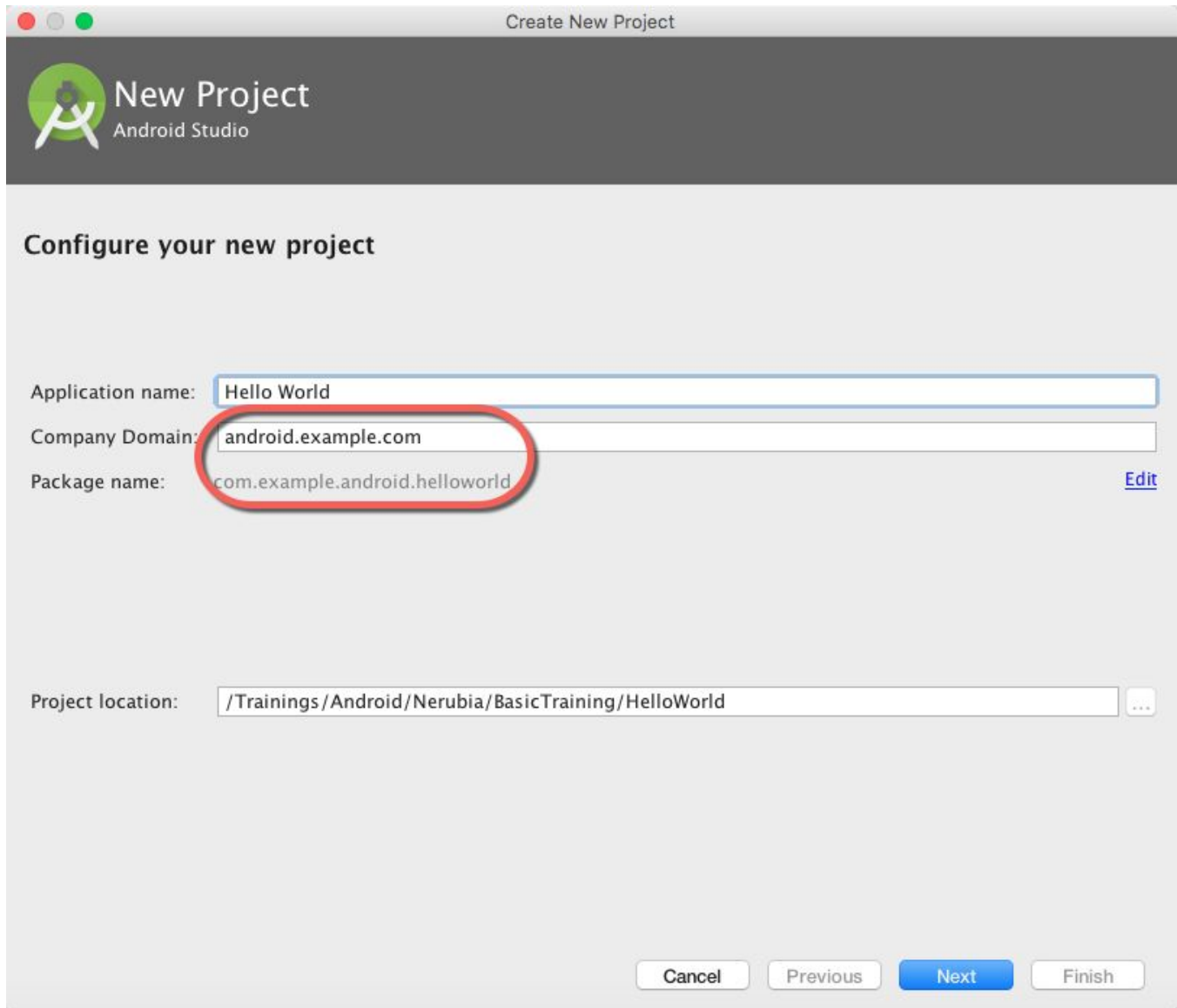
2) New Project Screen

Here we see a few options we get to choose.

Application Name is the name of the application we'll see in the App Bar at the top of our app, as well as shown in the All Apps screen on the device. Using the default is fine (examples were made with a Hello World app, but for our purposes the naming doesn't matter).

Next is **company domain**. Since we're practicing together right now, use the domain

android.example.com, which should be what is automatically shown. If you look below, you'll see

that it generates the package name com.example.android.helloworld, which is combination of the

reverse of the domain and your app name.

3) Target Android Devices

Next you will see this screen:

Only select **Phone and Tablet** since we're not making an app for TV or Wear. For **Minimum SDK** choose the deliciously named **API 16: Android 4.1 (Jelly Bean)**. If you're wondering about SDK naming, check out the wikipedia article on Android Version History.

4) Add an activity to Mobile

Here we are given a bunch of starting applications we can choose from, depending on what we're trying to make. Go ahead and choose **Empty Activity**. It's the simplest one that still gives you some default files to start with.
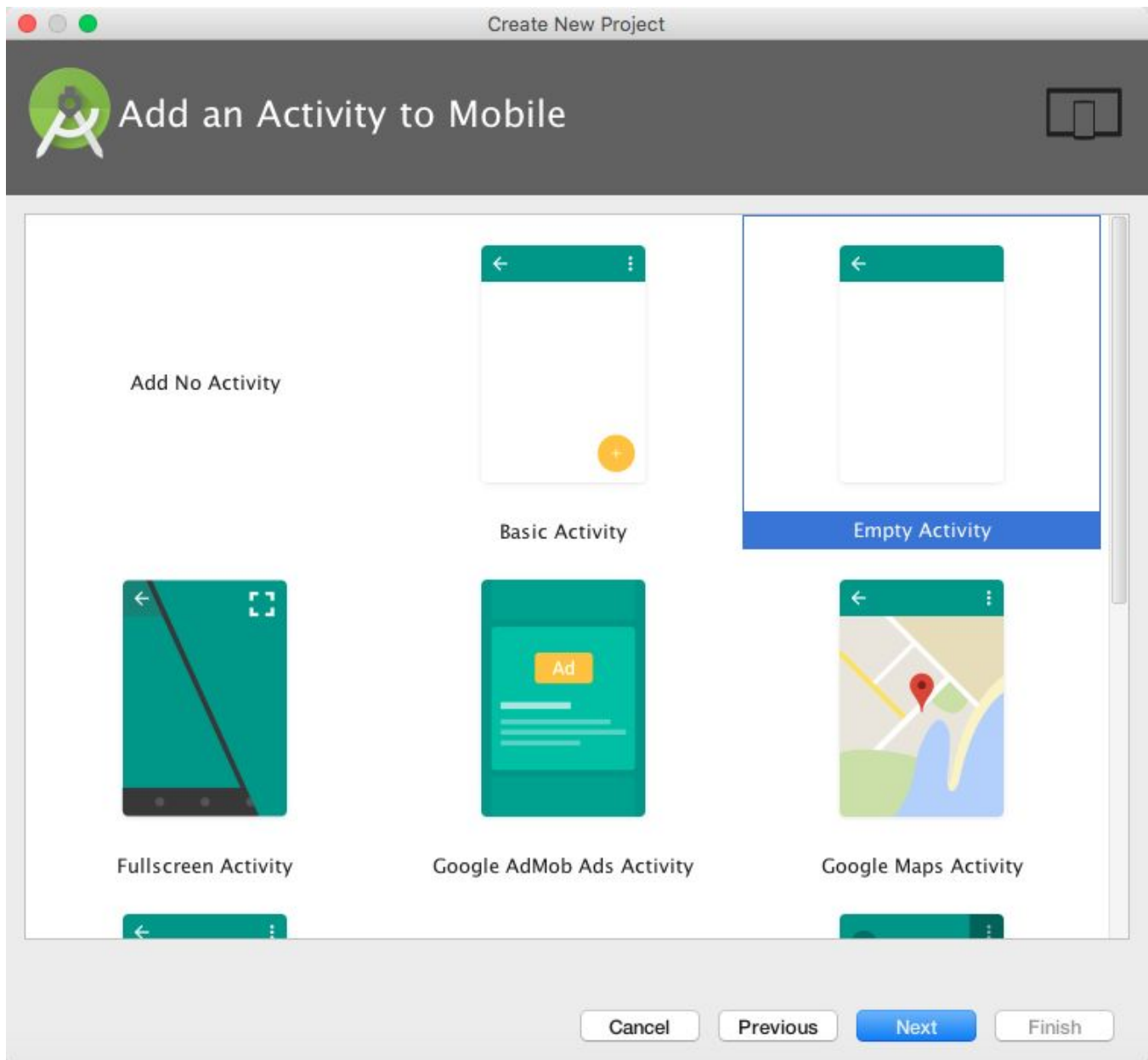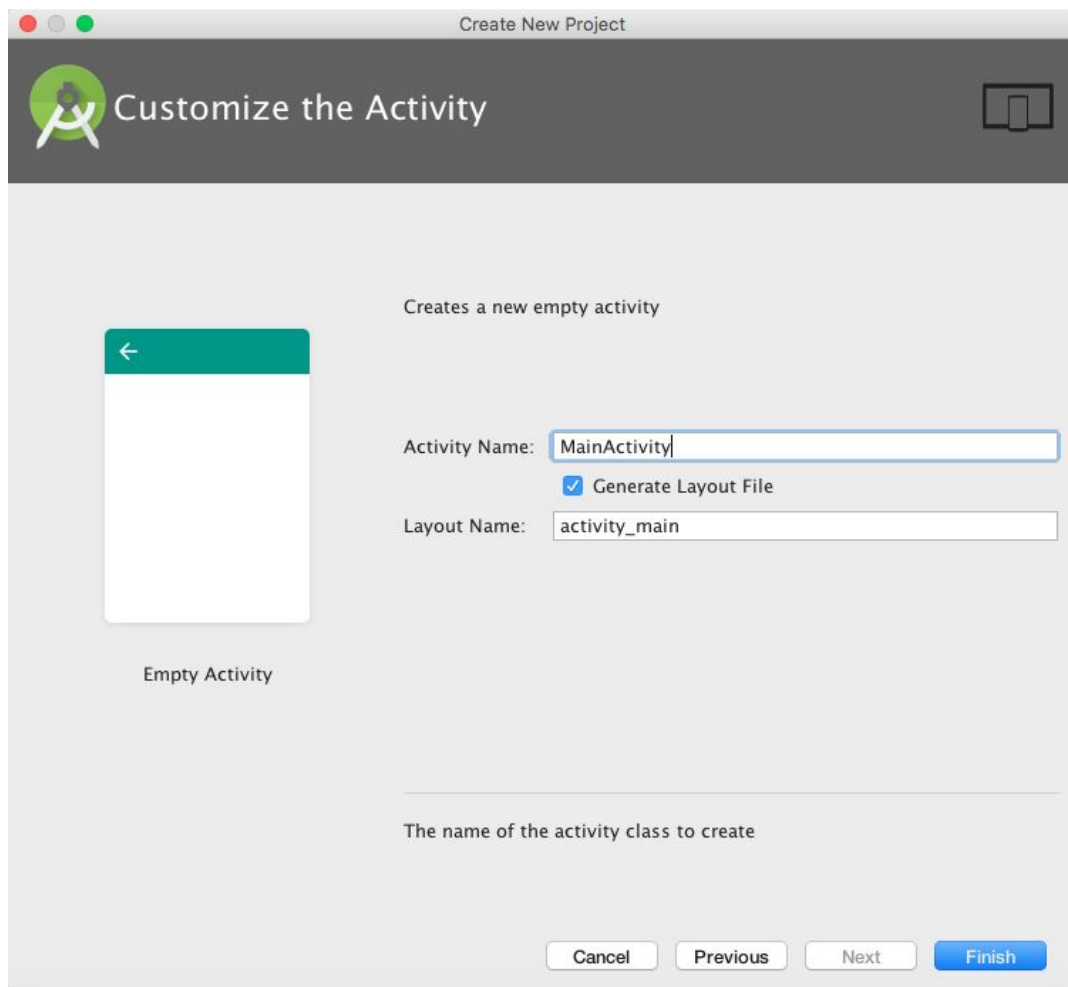
5) Choose option for your new file

Finally we have some names for different files that make up our app. As you'll soon see, an application is defined in picture files, sound files, xml files, java files and more; there are a lot of files that work together to make your application.

We'll talk about this all in the future. For now, take a look at the layout name. You've been working on XML layout files, so this is the name of the file we'll be editing, remember it.

Use the defaults which should be:

- Activity Name: **MainActivity**
- Layout Name: **activity_main**

Depending on your computer speed it might take a minute to set up your project. Go ahead and get some tea or do a stretch.

Running into Errors?

Don't panic! Lots of students have had issues with downloading Android Studio so you are not alone. To help you can try:

- Checking out this Troubleshooting Document.
- Copy your exact error and google it. 9 times out of 10, someone has run into the same problem and posted a solution about it. You can try adding "Android Studio" to the search if just searching for the error doesn't get Android Studio specific help.