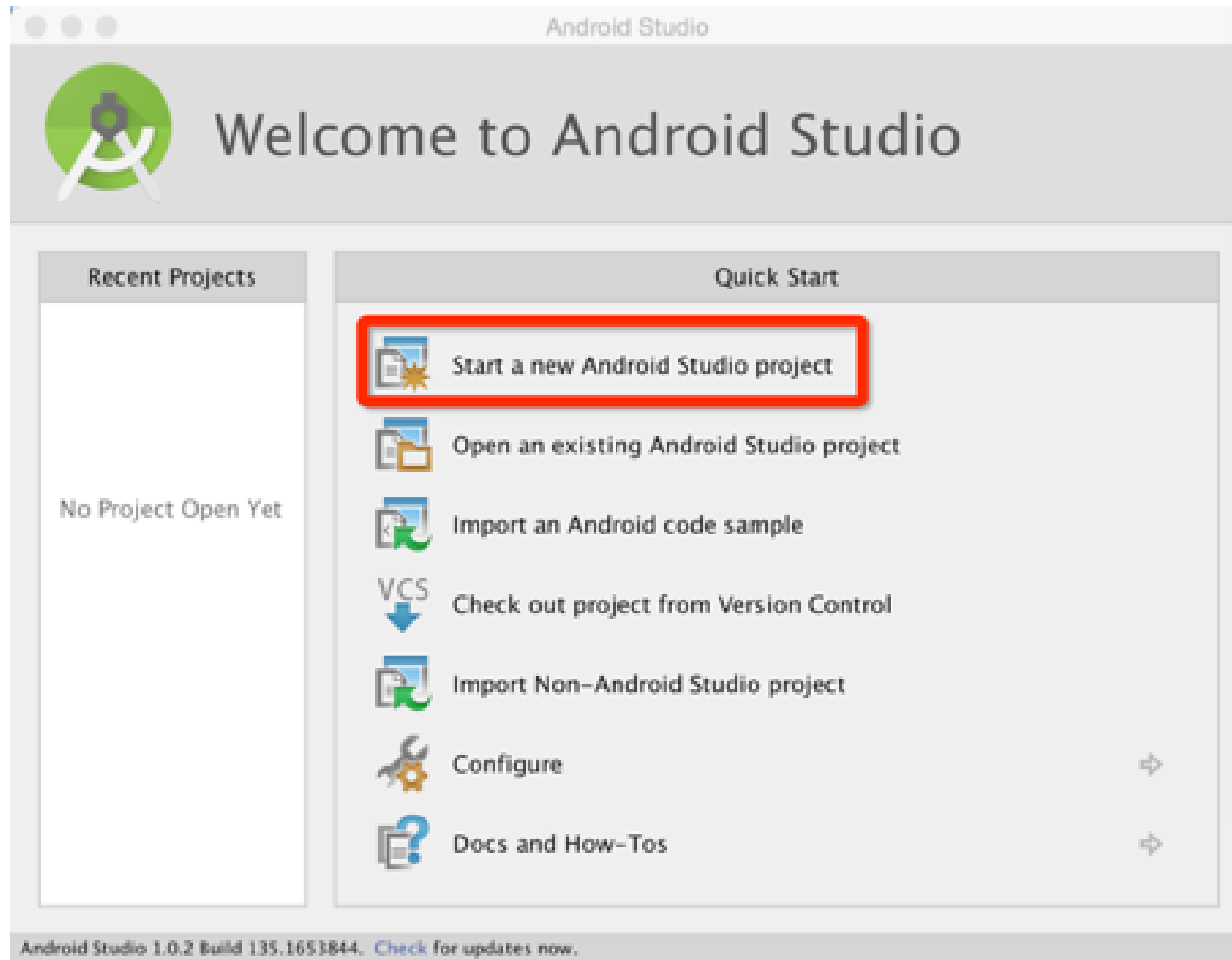


IT – Entrepreneurship

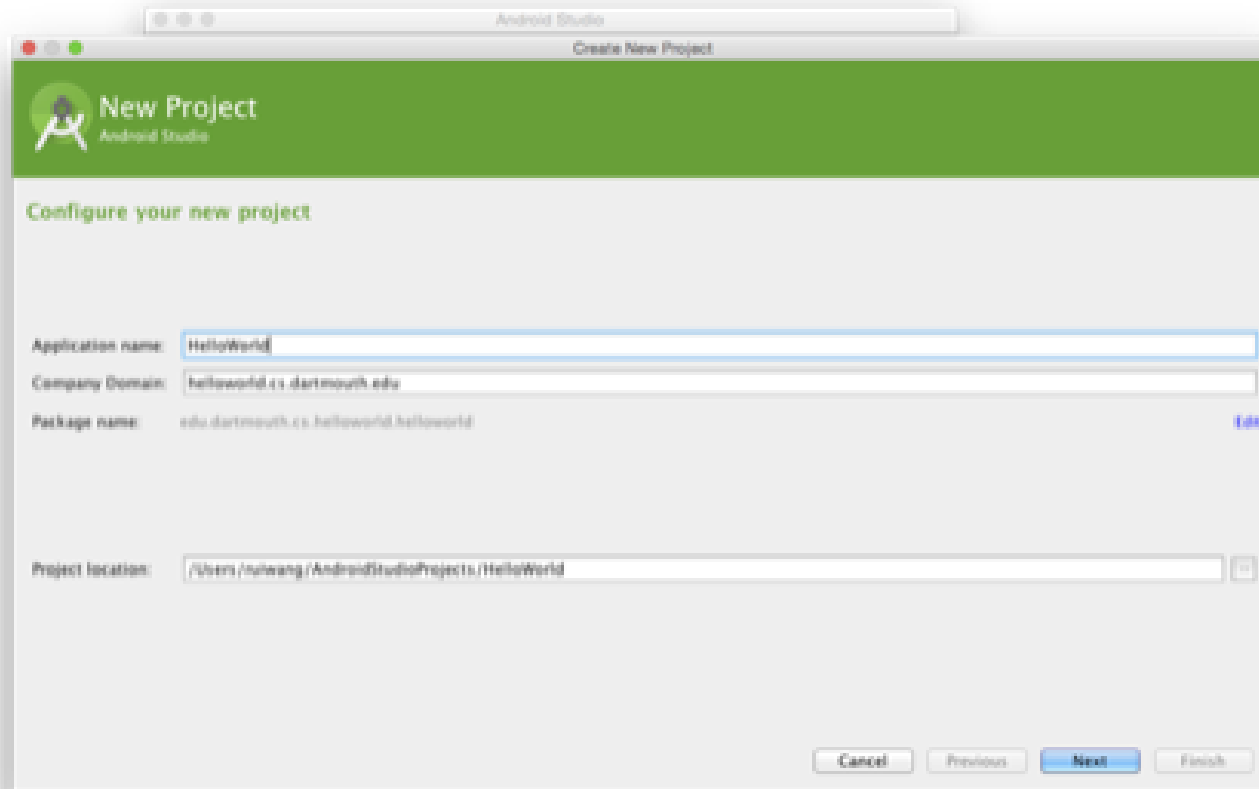
Getting Started with Android



Creating a New Android Project



Creating a New Android Project



The screenshot shows the 'New Project' dialog box in Android Studio. The window title is 'Android Studio' and the subtitle is 'Create New Project'. The dialog has a green header bar with the Android Studio logo and the text 'New Project' and 'Android Studio'. Below the header, the text 'Configure your new project' is displayed. The dialog contains four input fields: 'Application name' with the value 'HelloWorld', 'Company Domain' with the value 'helloworld.cs.dartmouth.edu', 'Package name' with the value 'edu.dartmouth.cs.helloworld.helloworld' and a blue 'Info' link to its right, and 'Project location' with the value '/Users/nulwang/AndroidStudioProjects/HelloWorld' and a folder icon to its right. At the bottom right, there are four buttons: 'Cancel', 'Previous', 'Next' (which is highlighted in blue), and 'Finish'.

Android Studio
Create New Project

New Project
Android Studio

Configure your new project

Application name: HelloWorld

Company Domain: helloworld.cs.dartmouth.edu

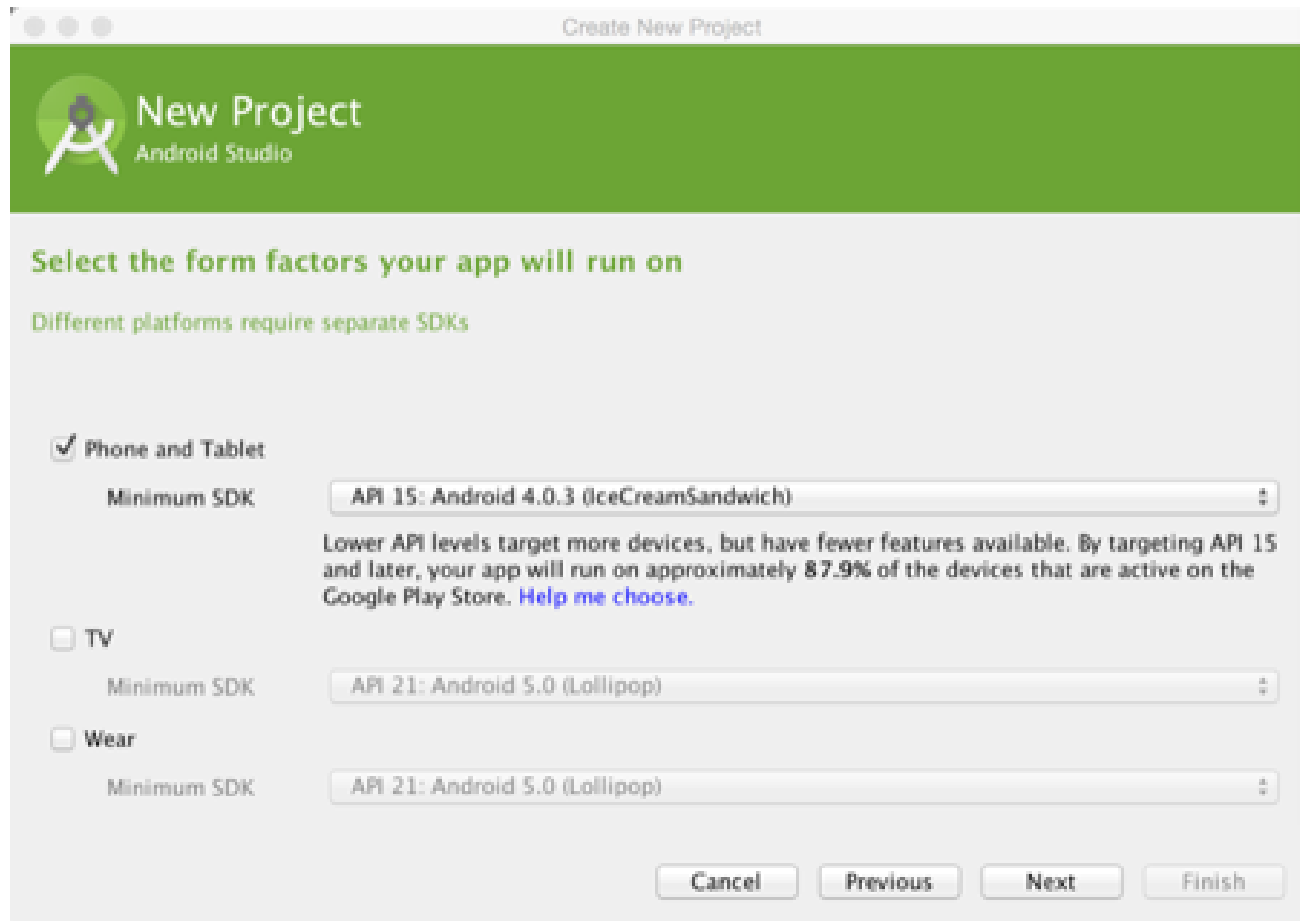
Package name: edu.dartmouth.cs.helloworld.helloworld [Info](#)

Project location: /Users/nulwang/AndroidStudioProjects/HelloWorld


Cancel Previous Next Finish



Creating a New Android Project



Create New Project

 **New Project**
Android Studio

Select the form factors your app will run on

Different platforms require separate SDKs

☒ **Phone and Tablet**

Minimum SDK: API 15: Android 4.0.3 (IceCreamSandwich)

Lower API levels target more devices, but have fewer features available. By targeting API 15 and later, your app will run on approximately 87.9% of the devices that are active on the Google Play Store. [Help me choose.](#)

☐ **TV**

Minimum SDK: API 21: Android 5.0 (Lollipop)

☐ **Wear**

Minimum SDK: API 21: Android 5.0 (Lollipop)

Cancel Previous Next Finish

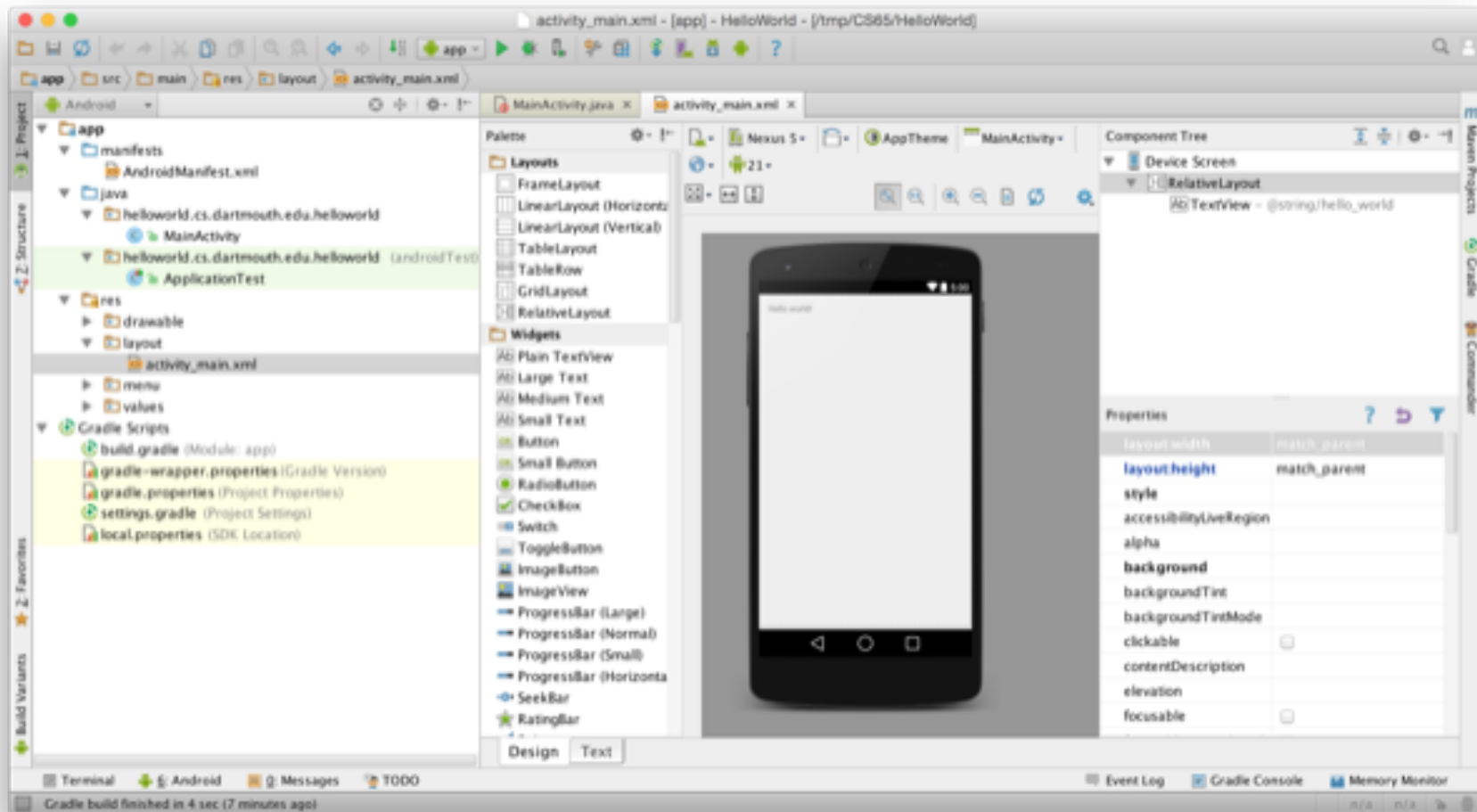


Creating a New Android Project

- Create activity. Here you select an activity template for your app. Select BlankActivity and click Next.



Creating a New Android Project

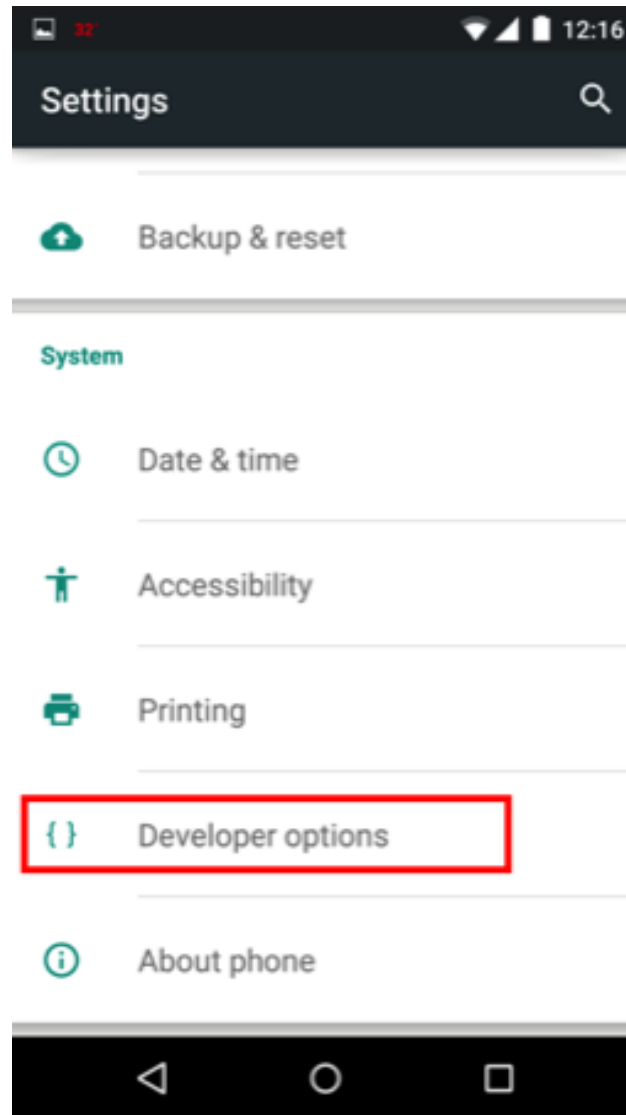


Running HelloWorld App

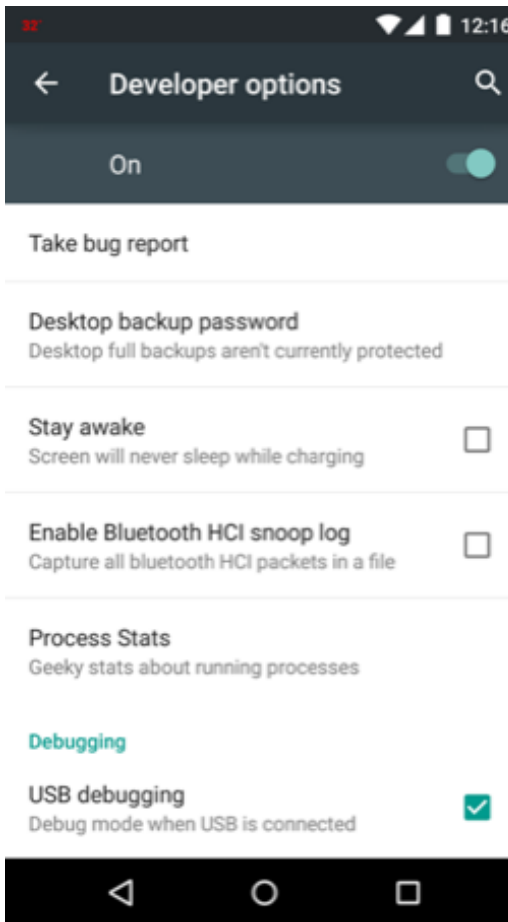
- Android-powered device
- Android emulator



Android phone setting



Android phone setting



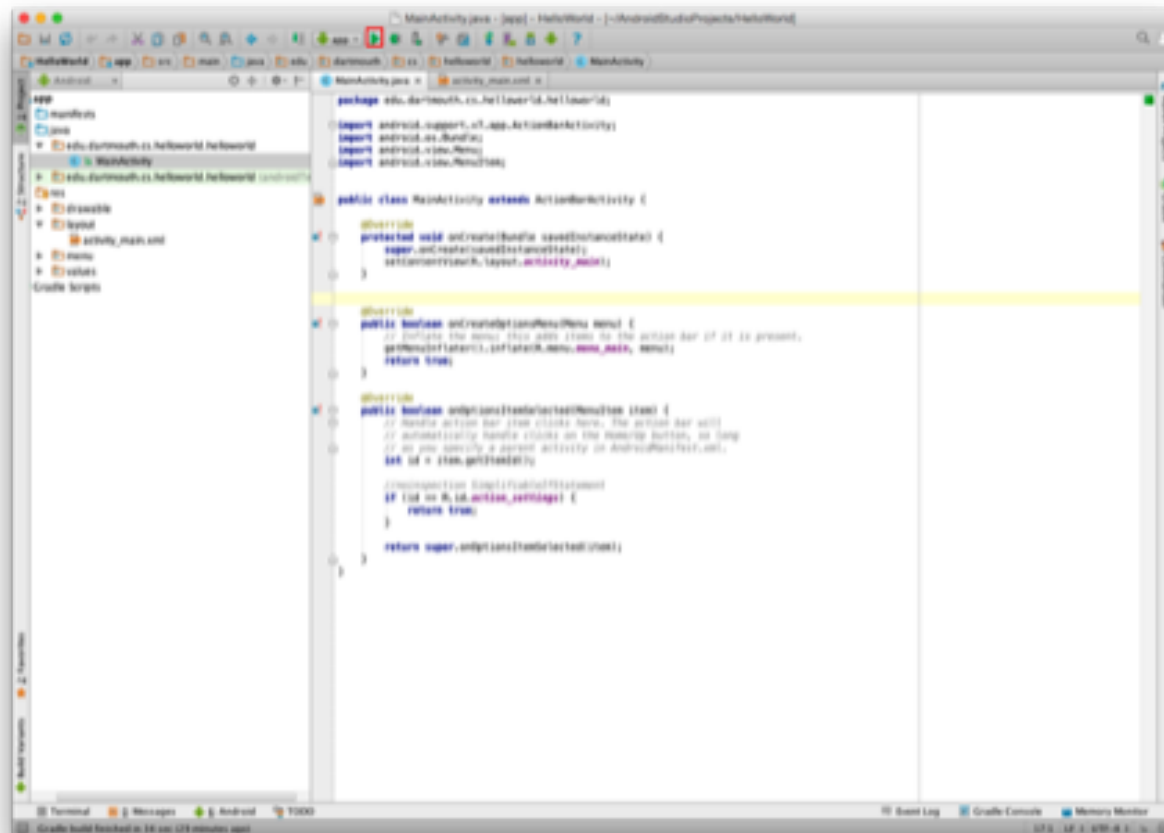
Android phone setting

If you do not see 'Developer's Options' in the setting then

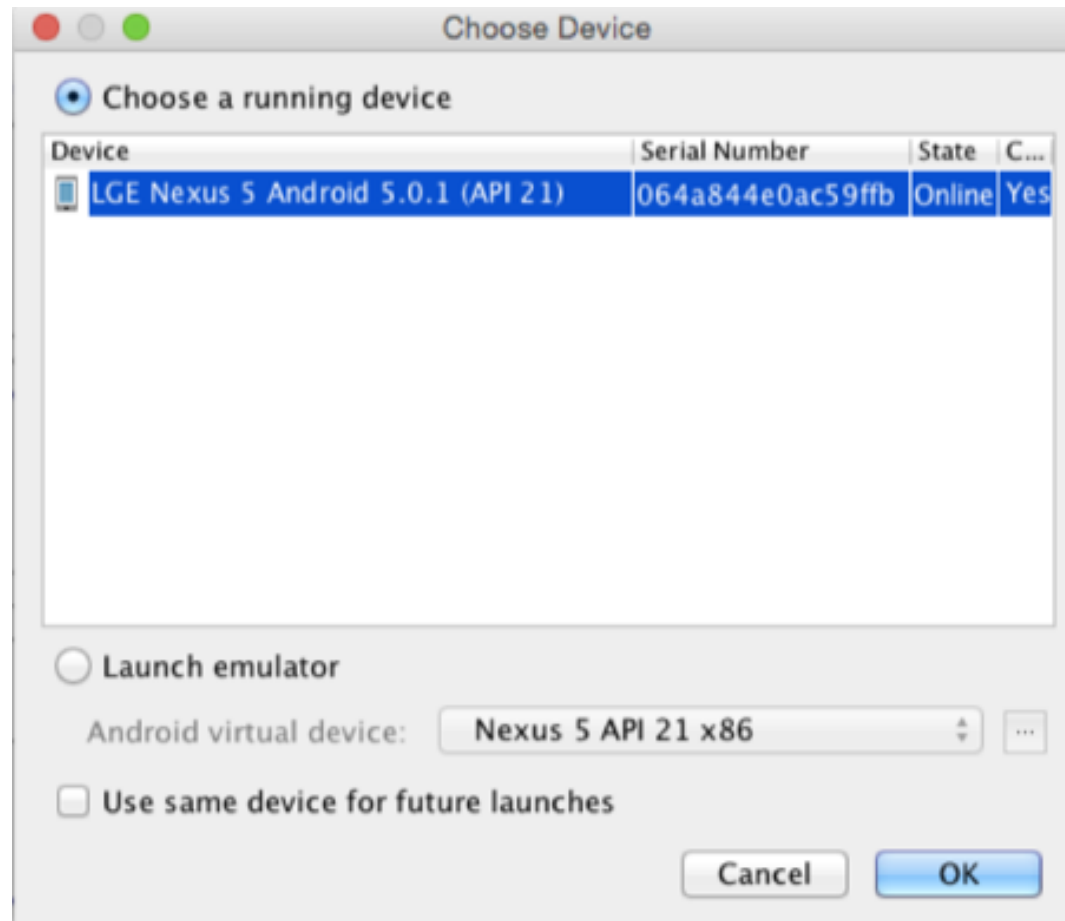
- Goto settings → About Device
- Tap 'Build Number' until a message pops saying that the developer options have been enabled.



Running the application

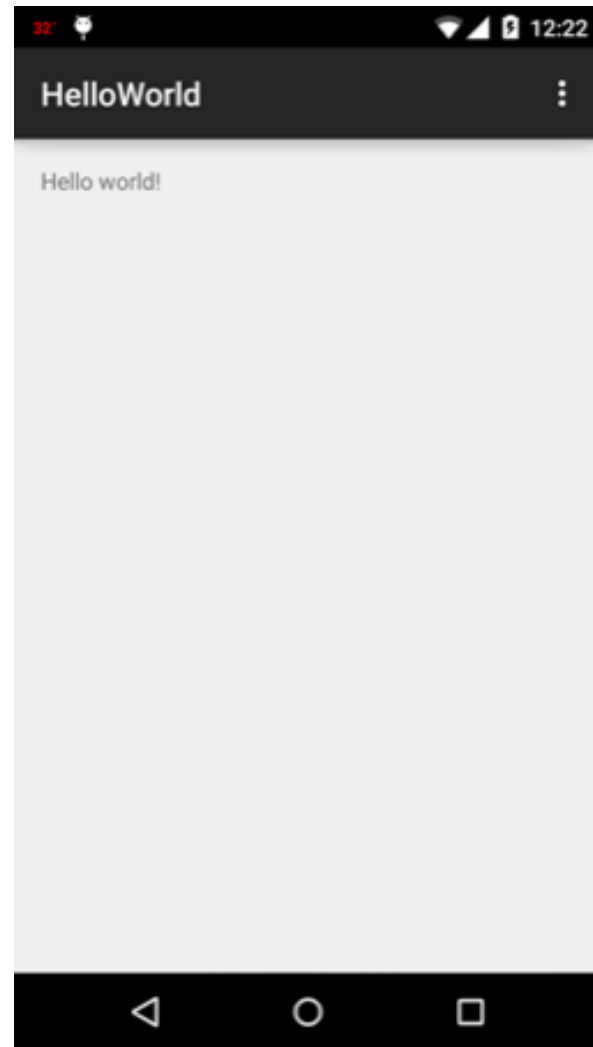


Running the application



Running the application

- The app is downloaded, installed and run on the phone.



Reference

- <http://www.cs.dartmouth.edu/~campbell/cs65/lecture01/lecture01.html>

