



SNS COLLEGE OF TECHNOLOGY, COIMBATORE –35
(An Autonomous Institution)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(UG&PG)
19CSB303 and Composing Mobile Apps
UNIT 1



Saying hello to android

simple Android Application which will print "Hello World!".

Create Android Application

The first step is to create a simple Android Application using Android studio. When you click on Android studio icon, it will show screen as shown below

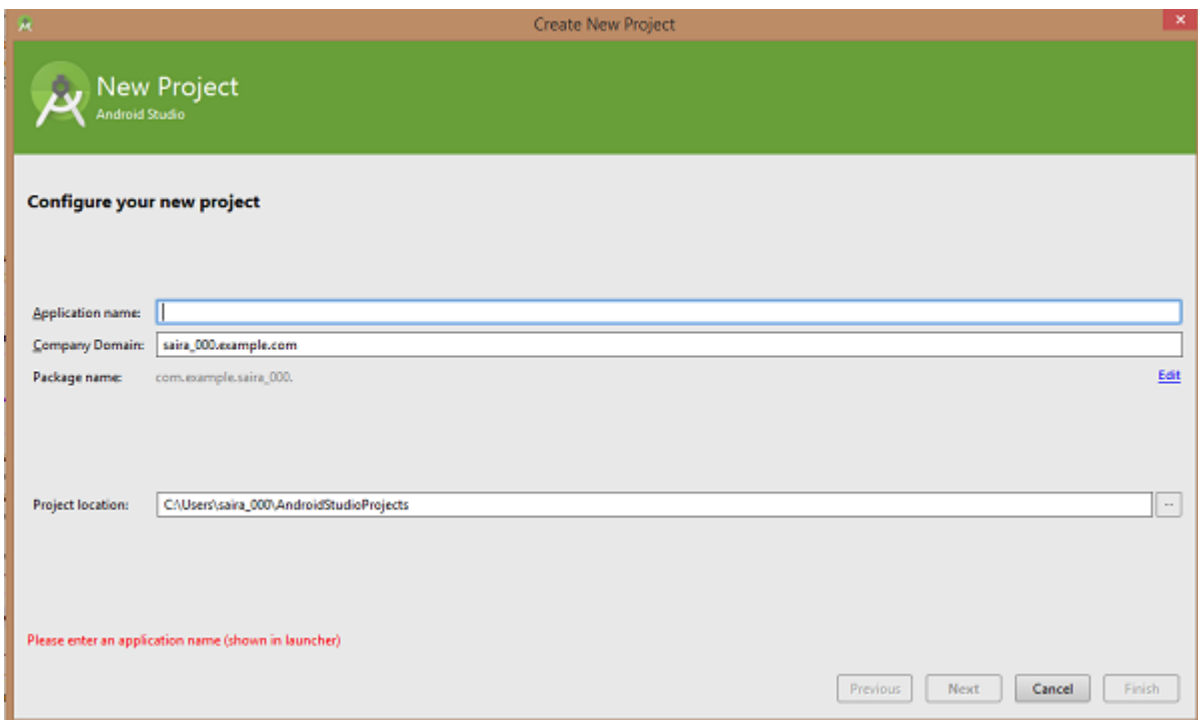




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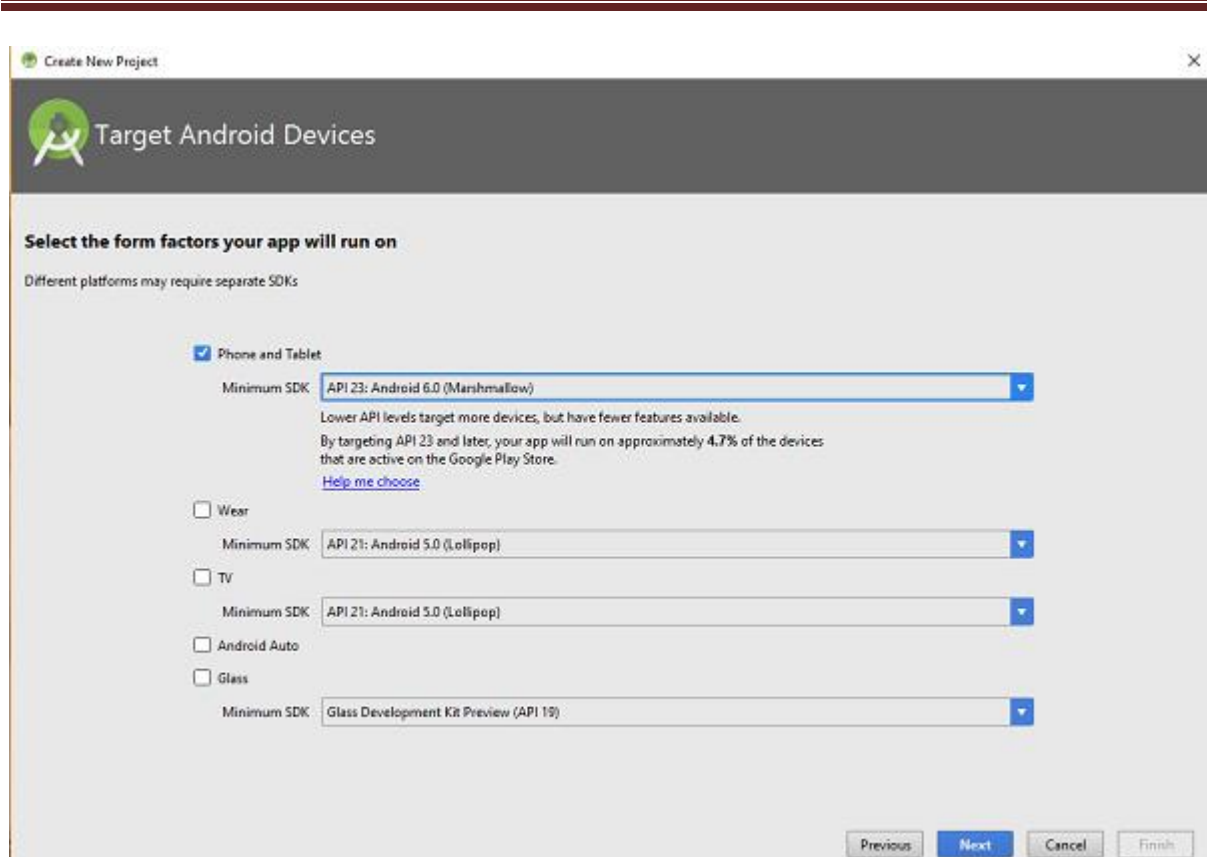
You can start your application development by calling start a new android studio project. in a new installation frame should ask Application name, package information and location of the project. –



After entered application name, it going to be called select the form factors your application runs on, here need to specify Minimum SDK, in our tutorial, I have declared as API23: Android 6.0(Mashmallow) –



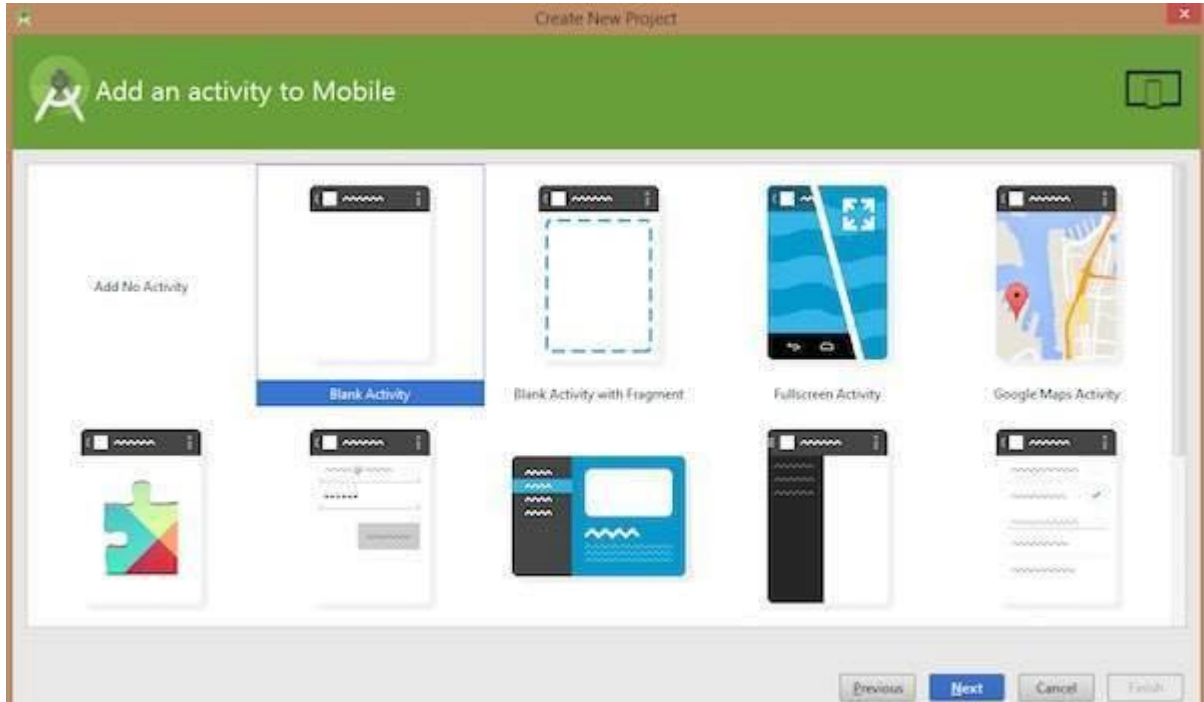
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The next level of installation should contain selecting the activity to mobile, it specifies the default layout for Applications.



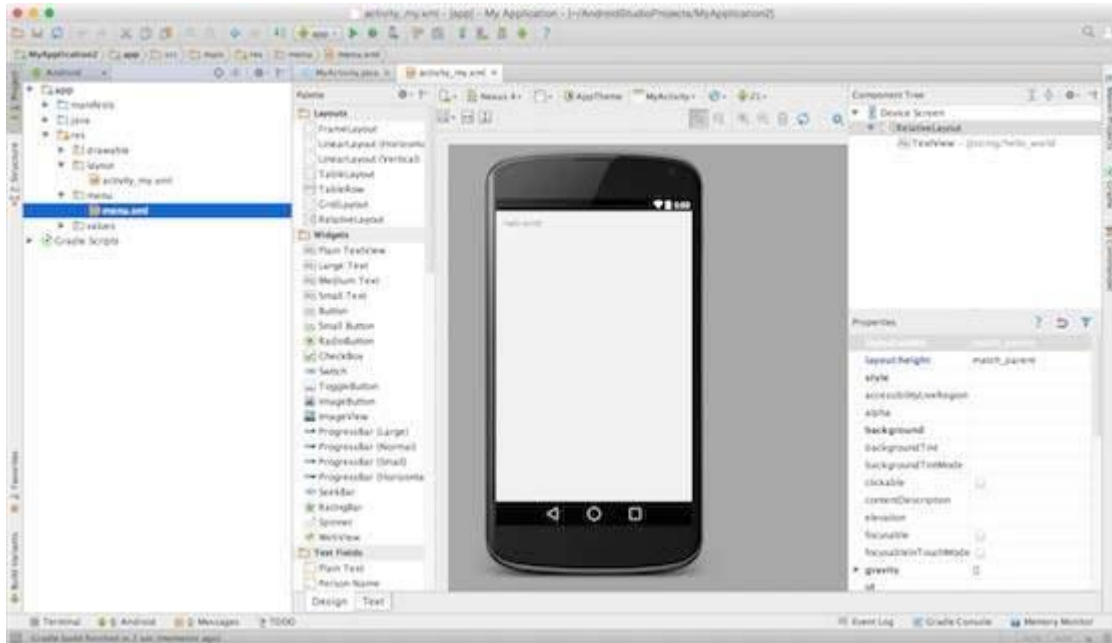
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At the final stage it going to be open development tool to write the application code.



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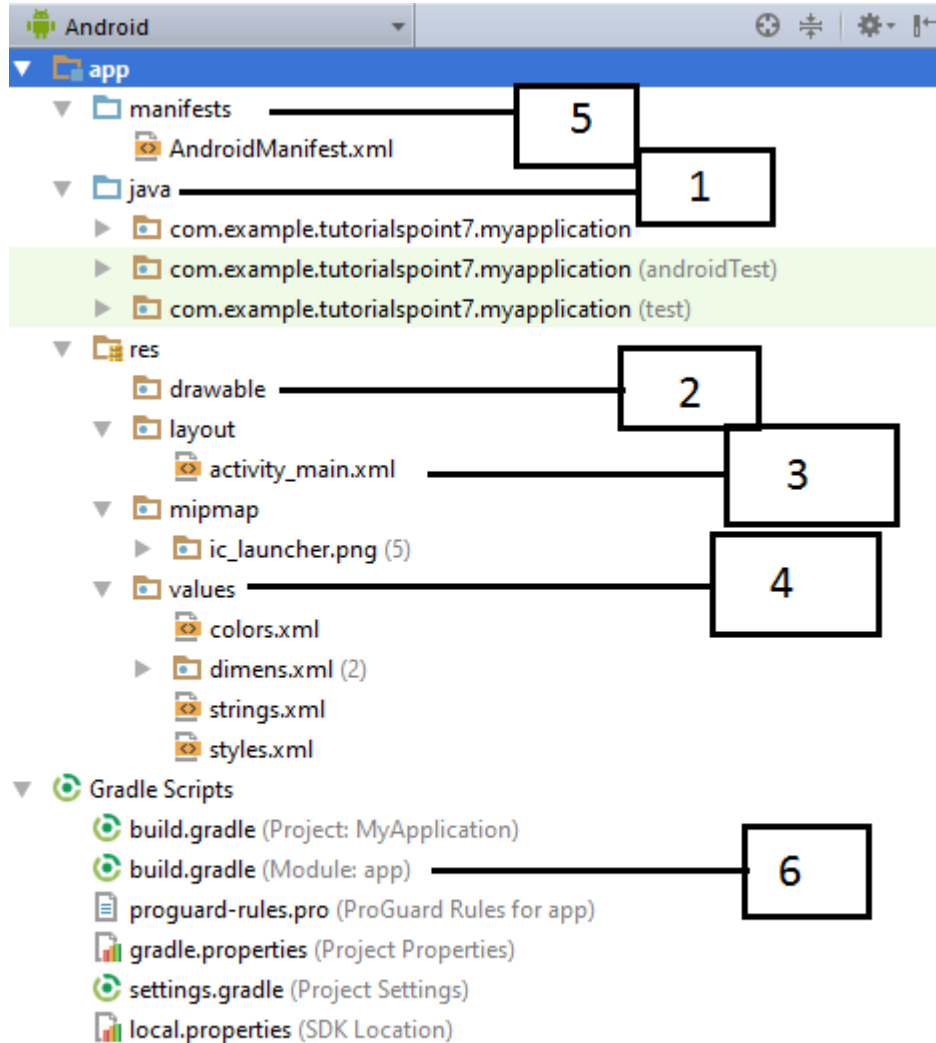


Anatomy of Android Application

Before you run your app, you should be aware of a few directories and files in the Android project –



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Running the Application

Try to run the **Hello World!** application just created. Then create **AVD** while doing environment set-up. To run the app from Android studio, open one of your project's activity



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files and click Run  icon from the tool bar. Android studio installs the app on AVD and starts it and if everything is fine with the set-up and application, it will display the Emulator window
