**Implementation of Content Providers**

Step 1 − Creating a new project in Android Studio

Navigate to Android studio as shown in below screen. In the below screen click on New Project to create a new Android Studio Project.

Inside this screen we have to simply select Empty Activity and click on Next. After clicking on next you will get to see the screen below.

Inside this screen we have to simply specify the project name. Then the package name will be generated automatically.

**Note** − Make sure to select the Language as Java.

After specifying all the details click on Finish to create a new Android studio project.

Once our project has been created we will get to see 2 files which are open i.e activity\_main.xml and MainActivity.java file.

Step 3 − Working with activity\_main.xml.

Navigate to activity\_main.xml. If this file is not visible. To open this file. In the left pane navigate to app>res>layout>activity\_main.xml to open this file. After opening this file. Add the below code to it. Comments are added in the code to get to know in detail.

Step 4: Create a custom layout file for the item of List View

Navigate to app>res>Right click on it>New>Layout Resource file and name it as contacts\_list\_item and add below code to it. Comments are added in the code to get to know in detail.

Step 5 : Working with MainActivity.java file.

Navigate to MainActivity.java. If this file is not visible. To open this file. In the left pane navigate to app>res>layout>MainActivity.java to open this file. After opening this file. Add the below code to it. Comments are added in the code to get to know in detail.