*<?***xml version="1.0" encoding="utf-8"***?>*<**LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:padding="24dp"  
 tools:context="mca.acharya.com.lab9.MainActivity"**>  
  
 <**EditText  
 android:id="@+id/textMsg"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"** />  
 <**Button  
 android:id="@+id/sendMsg"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:onClick="showMessage"  
 android:text="Send Message"**/>  
  
</**LinearLayout**>

**package** mca.acharya.com.lab9;  
  
**import** android.app.Notification;  
**import** android.app.NotificationManager;  
**import** android.content.Context;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.EditText;  
  
**public class** MainActivity **extends** AppCompatActivity {  
 EditText **msg**;  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
 **msg** = (EditText) findViewById(R.id.***textMsg***);  
 }  
 **public void** showMessage(View v){  
  
 Notification notification=**new** Notification.Builder(MainActivity.**this**)  
 .setContentTitle(**"New Message!"**)  
 .setContentText(**msg**.getText().toString())  
 .setSmallIcon(R.mipmap.***ic\_launcher***)  
 .build();  
 NotificationManager notificationManager=(NotificationManager)getSystemService(***NOTIFICATION\_SERVICE***);  
 notification.**flags** |=Notification.***FLAG\_AUTO\_CANCEL***;  
 notificationManager.notify(0,notification);  
 }  
}