**Ex-10 Develop a mobile application to send an email**

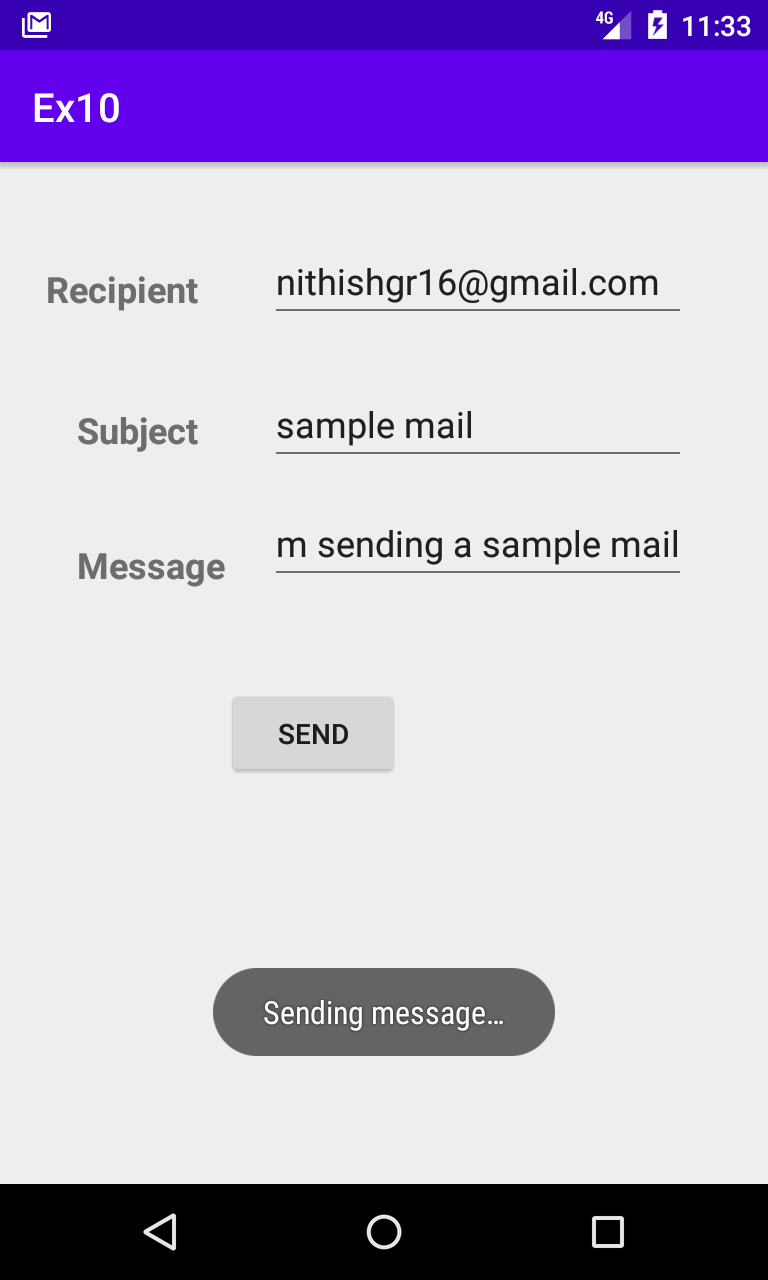
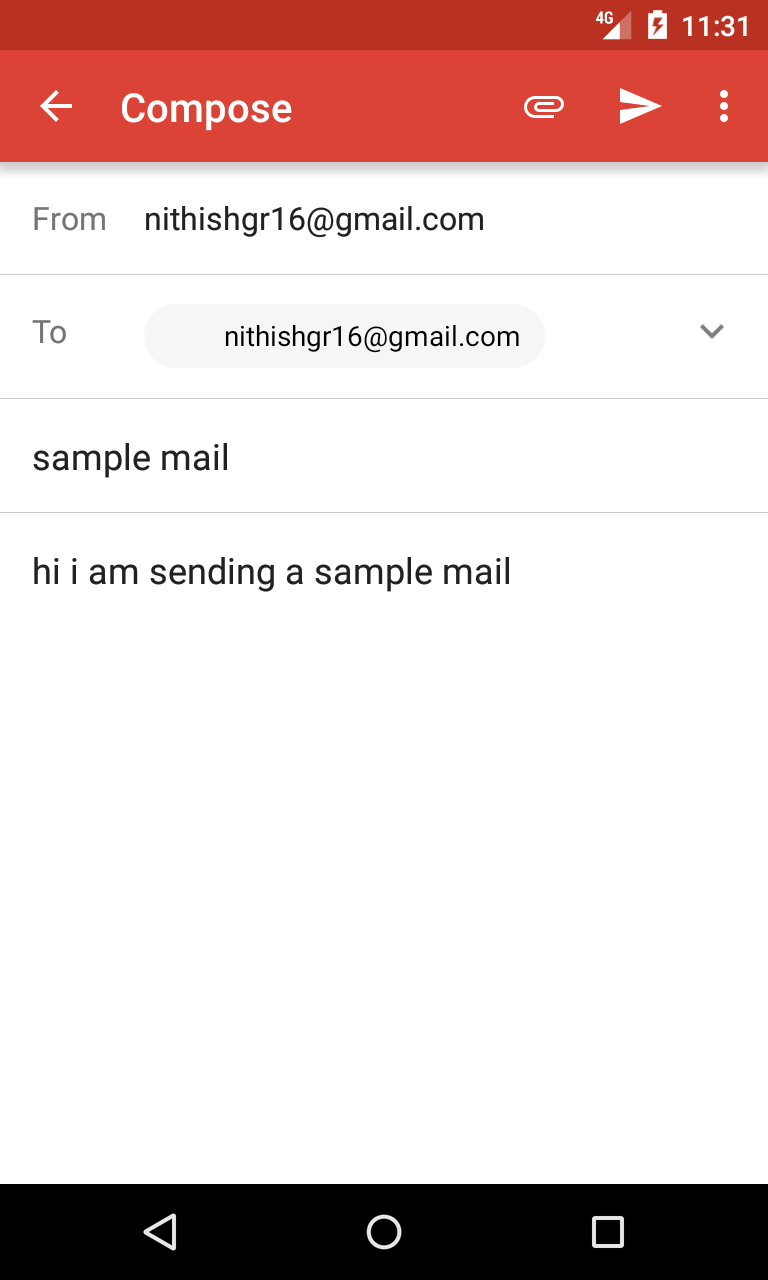
**MainActivity.java**

package com.example.ex10;  
  
import android.content.Intent;  
import android.support.v7.app.AppCompatActivity;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
  
public class MainActivity extends AppCompatActivity {  
 Button b;  
 EditText e1,e2,e3;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate( savedInstanceState );  
 setContentView( R.layout.*activity\_main* );  
 b = (Button) findViewById( R.id.*b* );  
 e1 = (EditText) findViewById( R.id.*e1* );  
 e2 = (EditText) findViewById( R.id.*e2* );  
 e3 = (EditText) findViewById( R.id.*e3* );  
 b.setOnClickListener( new View.OnClickListener() {  
  
 @Override  
 public void onClick(View v) {  
 String to = e1.getText().toString();  
 String subject = e2.getText().toString();  
 String message = e3.getText().toString();  
 Intent i = new Intent( Intent.*ACTION\_SEND* );  
 i.putExtra( Intent.*EXTRA\_EMAIL*, new String[]{to} );  
 i.putExtra( Intent.*EXTRA\_SUBJECT*, subject );  
 i.putExtra( Intent.*EXTRA\_TEXT*, message );  
 i.setType( "message/rfc822" );  
 startActivity( Intent.*createChooser*( i, "Choose EMail App" ) );  
 }  
 } );  
 }  
}

**activity\_main.xml**

<?xml version="1.0" encoding="utf-8"?>  
<android.support.constraint.ConstraintLayout 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"  
 tools:context=".MainActivity">  
  
 <RelativeLayout  
 android:layout\_width="368dp"  
 android:layout\_height="495dp"  
 tools:layout\_editor\_absoluteX="8dp"  
 tools:layout\_editor\_absoluteY="8dp"  
 tools:ignore="MissingConstraints">  
  
 <TextView  
 android:id="@+id/textView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentStart="true"  
 android:layout\_alignParentTop="true"  
 android:layout\_marginStart="23dp"  
 android:layout\_marginTop="51dp"  
 android:text="Recipient"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <EditText  
 android:id="@+id/e1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentTop="true"  
 android:layout\_marginStart="35dp"  
 android:layout\_marginTop="37dp"  
 android:layout\_toEndOf="@+id/textView"  
 android:ems="10"  
 android:inputType="textPersonName" />  
  
 <TextView  
 android:id="@+id/textView2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/e1"  
 android:layout\_marginTop="39dp"  
 android:layout\_toStartOf="@+id/e1"  
 android:text="Subject"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <TextView  
 android:id="@+id/textView3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignStart="@+id/textView2"  
 android:layout\_below="@+id/textView2"  
 android:layout\_marginTop="43dp"  
 android:text="Message"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 <EditText  
 android:id="@+id/e2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignStart="@+id/e1"  
 android:layout\_below="@+id/e1"  
 android:layout\_marginTop="26dp"  
 android:ems="10"  
 android:inputType="textPersonName" />  
  
 <EditText  
 android:id="@+id/e3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignBottom="@+id/textView3"  
 android:layout\_alignStart="@+id/e2"  
 android:ems="10"  
 android:inputType="textPersonName" />  
  
 <Button  
 android:id="@+id/b"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/textView3"  
 android:layout\_marginTop="48dp"  
 android:layout\_toEndOf="@+id/textView3"  
 android:text="SEND" />  
  
 </RelativeLayout>  
</android.support.constraint.ConstraintLayout>

**Output:**

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