*Mainactivity.xml*

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.constraintlayout.widget.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">  
  
 <TextView  
 android:id="@+id/textView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="SMS APPLICATION"  
 android:textSize="24sp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.133" />  
  
 <EditText  
 android:id="@+id/editTextText"  
 android:layout\_width="199dp"  
 android:layout\_height="150dp"  
 android:ems="10"  
 android:hint="Type Message Here"  
 android:inputType="text"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.514"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.28" />  
  
 <Button  
 android:id="@+id/send\_btn"  
 android:layout\_width="127dp"  
 android:layout\_height="62dp"  
 android:onClick="onClick"  
 android:text="Send"  
 android:textColorHighlight="#44D712"  
 android:textColorLink="#4CED03"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.683" />  
  
 <EditText  
 android:id="@+id/editTextTextPassword"  
 android:layout\_width="224dp"  
 android:layout\_height="55dp"  
 android:ems="10"  
 android:hint="Mobile Number"  
 android:inputType="text"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.55"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.541" />  
  
</androidx.constraintlayout.widget.ConstraintLayout>

Main\_activity.java

package com.example.lab6;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.telephony.SmsManager;  
*//import android.util.Log;*import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
*//import android.widget.Toast;*import com.google.android.material.snackbar.Snackbar;  
  
public class MainActivity extends AppCompatActivity {  
 EditText msg, number;  
*// EditText number;* @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_main);  
 msg = findViewById(R.id.editTextText);  
 number = findViewById(R.id.editTextTextPassword);  
*// String msgdata = msg.getText().toString();  
// String dest = number.getText().toString();* }  
 public void onClick(View view){  
 try{  
 SmsManager smsManager = SmsManager.getDefault();  
 smsManager.sendTextMessage(number.getText().toString(), null, msg.getText().toString(), null, null);  
 Snackbar.make(view, "SMS Sent", Snackbar.LENGTH\_LONG).show();  
 }catch (Exception e){  
 Snackbar.make(view, "Message Not Sent", Snackbar.LENGTH\_LONG).show();  
 }  
 }  
}

androidmanifeat.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<manifest xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools">  
 <uses-feature  
 android:name="android.hardware.telephony"  
 android:required="false"  
 />  
 <uses-permission android:name="android.permission.SEND\_SMS"/>  
  
 <application  
 android:allowBackup="true"  
 android:dataExtractionRules="@xml/data\_extraction\_rules"  
 android:fullBackupContent="@xml/backup\_rules"  
 android:icon="@mipmap/ic\_launcher"  
 android:label="@string/app\_name"  
 android:roundIcon="@mipmap/ic\_launcher\_round"  
 android:supportsRtl="true"  
 tools:targetApi="31">  
 <activity  
 android:name=".MainActivity"  
 android:exported="true">  
 <intent-filter>  
 <action android:name="android.intent.action.MAIN" />  
  
 <category android:name="android.intent.category.LAUNCHER" />  
 </intent-filter>  
 </activity>  
 </application>  
</manifest>