**SMS**

**MainActivity.java**

package com.example.sms1;  
  
import androidx.appcompat.app.AppCompatActivity;  
import android.os.Bundle;  
import android.telephony.SmsManager;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
 EditText phonenumber,message;  
 Button send;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 send=findViewById(R.id.*button*);  
 phonenumber=findViewById(R.id.*editText*);  
 message=findViewById(R.id.*editText2*);  
 send.setOnClickListener(new View.OnClickListener() {  
  
 public void onClick(View view) {  
 String number=phonenumber.getText().toString();  
 String msg=message.getText().toString();  
 try {  
 SmsManager smsManager=SmsManager.*getDefault*();  
 smsManager.sendTextMessage(number,null,msg,null,null);  
 Toast.*makeText*(getApplicationContext(),"Message Sent",Toast.*LENGTH\_LONG*).show();  
 }  
 catch (Exception e)  
 {  
 Toast.*makeText*(getApplicationContext(),"Some fields is Empty",Toast.*LENGTH\_LONG*).show();  
 }  
 }  
 });  
 }  
}

**activity\_main.xml**

<?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:orientation="vertical"  
 android:layout\_marginTop="140dp"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity">  
  
  
 <EditText  
 android:id="@+id/editText"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:ems="10"  
 android:hint="Enter number"  
 android:inputType="textPersonName" />  
  
 <EditText  
 android:id="@+id/editText2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:ems="10"  
 android:hint="Enter message"  
 android:inputType="textPersonName" />  
  
 <Button  
 android:id="@+id/button"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="20dp"  
 android:layout\_marginLeft="60dp"  
 android:layout\_marginRight="60dp"  
 android:text="SEND" />  
</LinearLayout>

**Androidmanifest.xml**

<?xml version="1.0" encoding="utf-8"?>  
<manifest xmlns:android="http://schemas.android.com/apk/res/android"  
 package="com.example.sms1">  
 <uses-permission android:name="android.permission.SEND\_SMS"/>  
 <application  
 android:allowBackup="true"  
 android:icon="@mipmap/ic\_launcher"  
 android:label="@string/app\_name"  
 android:roundIcon="@mipmap/ic\_launcher\_round"  
 android:supportsRtl="true"  
 android:theme="@style/Theme.Sms1">  
 <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>