**Sending Text Message Application**

Activity\_main.xml

<?xml version="1.0" encoding="utf-8"?>  
<RelativeLayout 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"  
 >  
 <ImageView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:src="@drawable/nature"  
 />  
  
 <TextView  
 android:id="@+id/t"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Enter Your Message"  
 android:layout\_marginLeft="20dp"  
 android:layout\_marginTop="100dp"/>  
  
 <EditText  
 android:id="@+id/message"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:hint="Enter Your Message"  
 android:layout\_marginLeft="20dp"  
 android:layout\_toRightOf="@+id/t"  
 android:layout\_alignBottom="@+id/t"/>  
 <TextView  
 android:id="@+id/t1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Mobile Number"  
 android:layout\_marginLeft="20dp"  
 android:layout\_marginTop="150dp"/>  
  
 <EditText  
 android:id="@+id/number"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:hint="Mobile number"  
 android:layout\_marginLeft="50dp"  
 android:layout\_toRightOf="@+id/t1"  
 android:layout\_alignBottom="@+id/t1"/>  
 <Button  
 android:background="#03A9F4"  
 android:id="@+id/btn"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Click"  
 android:layout\_marginTop="200dp"  
 android:layout\_marginLeft="150dp"/>  
  
  
</RelativeLayout>

MainActivity.java

package com.example.sendmessageapp;  
  
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.\*;  
  
public class MainActivity extends AppCompatActivity {  
  
 EditText edit,edit1;  
 Button b;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 Button b=(Button)findViewById(R.id.*btn*);  
 edit=(EditText)findViewById(R.id.*message*);  
 edit1=(EditText)findViewById(R.id.*number*);  
  
 b.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
  
 String msg= edit.getText().toString();  
 String number= edit1.getText().toString();  
  
 SmsManager sms=SmsManager.*getDefault*();  
 sms.sendTextMessage(number,null,msg,null,null);  
 Toast.*makeText*(getApplicationContext(),"Sending....",Toast.*LENGTH\_SHORT*).show();  
  
  
 }  
 });  
 }  
}

AndroidManifest.xml

<?xml version="1.0" encoding="utf-8"?>  
<manifest xmlns:android="http://schemas.android.com/apk/res/android"  
 package="com.example.sendmessageapp">  
 <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/AppTheme">  
 <activity android:name=".MainActivity">  
 <intent-filter>  
 <action android:name="android.intent.action.MAIN" />  
  
 <category android:name="android.intent.category.LAUNCHER" />  
 </intent-filter>  
 </activity>  
 </application>  
  
</manifest>