

```
1 package com.example.getlatitudelongitude;
2
3 import androidx.appcompat.app.AppCompatActivity;
4
5 import android.location.Address;
6 import android.location.Geocoder;
7 import android.os.Bundle;
8 import android.view.View;
9 import android.widget.EditText;
10 import android.widget.TextView;
11
12 import java.io.IOException;
13 import java.util.List;
14
15 public class MainActivity extends AppCompatActivity {
16
17     private EditText editText;
18     private TextView textView;
19
20     @Override
21     protected void onCreate(Bundle savedInstanceState
22     ) {
23         super.onCreate(savedInstanceState);
24         setContentView(R.layout.activity_main);
25
26         editText = findViewById(R.id.
27         editTextTextPersonName);
28         textView = findViewById(R.id.textView);
29     }
30
31     public void buttonGetLocation (View view){
32
33         Geocoder geocoder = new Geocoder(this);
34         List<Address> addressList;
35
36         try {
37             addressList = geocoder.
38             getFromLocationName(editText.getText().toString(), 1
39             );
```

```
38
39         if (addressList != null){
40             double doubleLat = addressList.get(0
41 ).getLatitude();
42             double doubleLong = addressList.get(0
43 ).getLongitude();
44             textView.setText("Latitude: " +
45 String.valueOf(doubleLat)
46 + " | " + "Longitude: " + String.
47 valueOf(doubleLong));
48         }
49     } catch (IOException e) {
50         e.printStackTrace();
51     }
52 }
```