package com.example.a71p;  
  
import android.app.Activity;  
import android.content.Intent;  
import android.os.Bundle;  
import android.util.Log;  
import android.view.MenuItem;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.RadioButton;  
import android.widget.RadioGroup;  
import android.widget.Toast;  
  
import androidx.activity.result.ActivityResultLauncher;  
import androidx.activity.result.contract.ActivityResultContracts;  
import androidx.annotation.NonNull;  
import androidx.appcompat.widget.Toolbar;  
  
import androidx.annotation.Nullable;  
import androidx.appcompat.app.AppCompatActivity;  
  
import com.google.android.gms.common.api.Status;  
import com.google.android.gms.maps.model.LatLng;  
import com.google.android.libraries.places.api.Places;  
import com.google.android.libraries.places.api.model.Place;  
import com.google.android.libraries.places.api.net.PlacesClient;  
import com.google.android.libraries.places.widget.Autocomplete;  
import com.google.android.libraries.places.widget.AutocompleteSupportFragment;  
import com.google.android.libraries.places.widget.listener.PlaceSelectionListener;  
import com.google.android.libraries.places.widget.model.AutocompleteActivityMode;  
  
import java.util.Arrays;  
import java.util.List;  
  
public class CreateActivity extends AppCompatActivity {  
 EditText Name, Phone, Desc, Date, Location;  
 RadioGroup posttype;  
 Button Save;  
 MyDatabaseHelper myDB;  
  
 LatLng selectedLocation;  
  
// private final ActivityResultLauncher<Intent> startAutocomplete = registerForActivityResult(  
// new ActivityResultContracts.StartActivityForResult(),  
// result -> {  
// if (result.getResultCode()== Activity.RESULT\_OK) {  
// Intent intnet = result.getData();  
// if (intnet != null) {  
// Place place = Autocomplete.getPlaceFromIntent(intnet);  
// //Log.i(...)  
// }  
// } else if (result.getResultCode() == Activity.RESULT\_CANCELED){  
// //Log.i(TAG, "User canceled autocomplete");  
// }  
// }  
// );  
  
 @Override  
 protected void onCreate( Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_create*);  
  
  
 Places.*initialize*(getApplicationContext(), "AIzaSyASUMb\_UECTd7uDuIB-W\_5NOcGLD42VNXY");  
  
 PlacesClient placesClient = Places.*createClient*(this);  
  
 Toolbar tool = findViewById(R.id.*toolbar*);  
 setSupportActionBar(tool);  
 if (getSupportActionBar() != null) {  
 getSupportActionBar().setDisplayHomeAsUpEnabled(true);  
 getSupportActionBar().setDisplayShowHomeEnabled(true);  
 }  
  
 Name = findViewById(R.id.*editTextText*);  
 Phone = findViewById(R.id.*editTextText2*);  
 Desc = findViewById(R.id.*editTextText3*);  
 Date = findViewById(R.id.*editTextText4*);  
 Location = findViewById(R.id.*editTextText5*);  
 posttype = findViewById(R.id.*posttype*);  
 Save = findViewById(R.id.*button3*);  
  
 myDB = new MyDatabaseHelper(this);  
  
  
 AutocompleteSupportFragment autocompleteFragment = (AutocompleteSupportFragment)  
 getSupportFragmentManager().findFragmentById(R.id.*autocomplete\_fragment*);  
  
 List<Place.Field> fields = Arrays.*asList*(Place.Field.*ID*, Place.Field.*NAME*, Place.Field.*LAT\_LNG*);  
 autocompleteFragment.setPlaceFields(fields);  
  
 autocompleteFragment.setOnPlaceSelectedListener(new PlaceSelectionListener() {  
 @Override  
 public void onError(@NonNull Status status) {  
 Toast.*makeText*(CreateActivity.this, "Error: " +status.getStatusMessage(),Toast.*LENGTH\_SHORT*).show();  
 }  
  
 @Override  
 public void onPlaceSelected(@NonNull Place place) {  
 Location.setText(place.getName());  
  
 String locationName = place.getName();  
 LatLng locationLatLng = place.getLatLng();  
 selectedLocation = place.getLatLng();  
  
 if (locationLatLng != null) {  
 Log.*e*("LatLng", "Lat: " + locationLatLng.latitude + "lng: " + locationLatLng.longitude);  
 Intent intent = new Intent(CreateActivity.this, MapsActivity.class);  
 intent.putExtra("locationName", locationName);  
 intent.putExtra("locationLatLng", locationLatLng);  
//// startActivity(intent);  
 Log.*e*("LatLng", locationLatLng.toString());  
// selectedLocation.latitude = locationLatLng.latitude;  
  
 } else {  
 Log.*e*("LATLNG", "Location is null");  
 }  
 }  
 });  
  
// List<Place.Field> fields = Arrays.asList(Place.Field.ID, Place.Field.NAME);  
//  
// Intent intent = new Autocomplete.IntentBuilder(AutocompleteActivityMode.OVERLAY, fields).build(this);  
// startAutocomplete.launch(intent);  
  
  
  
 Save.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 int SelectedId = posttype.getCheckedRadioButtonId();  
 RadioButton selectedbutton = findViewById(SelectedId);  
 String postYpe = selectedbutton.getText().toString();  
  
 if (selectedLocation != null)  
 {  
 boolean isInserted = myDB.insertItem(postYpe, Name.getText().toString(), Phone.getText().toString(), Desc.getText().toString(), Date.getText().toString(), Location.getText().toString(), selectedLocation.latitude, selectedLocation.longitude);  
  
 if (isInserted){  
 Toast.*makeText*(CreateActivity.this, "Data Created", Toast.*LENGTH\_SHORT*).show();  
 } else{  
 Toast.*makeText*(CreateActivity.this, "Data unable to be Created", Toast.*LENGTH\_SHORT*).show();  
 }  
 } else {  
 Toast.*makeText*(CreateActivity.this, "Error: Selected Location is null", Toast.*LENGTH\_SHORT*).show();  
 }  
  
  
 }  
 });  
  
 }  
 @Override  
 public boolean onOptionsItemSelected(MenuItem item)  
 {  
 if (item.getItemId() == android.R.id.*home*){  
 finish();  
 return true;  
 }  
 return super.onOptionsItemSelected(item);  
 }  
}

package com.example.a71p;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
  
import androidx.activity.EdgeToEdge;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.core.graphics.Insets;  
import androidx.core.view.ViewCompat;  
import androidx.core.view.WindowInsetsCompat;  
  
public class MainActivity extends AppCompatActivity {  
  
 Button Create, Show, Map;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 EdgeToEdge.*enable*(this);  
 setContentView(R.layout.*activity\_main*);  
  
 Create = findViewById(R.id.*button*);  
 Show = findViewById(R.id.*button2*);  
 Map = findViewById(R.id.*map*);  
  
 Create.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent intent = new Intent(MainActivity.this, CreateActivity.class);  
 startActivity(intent);  
 }  
 });  
  
 Show.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent intent = new Intent(MainActivity.this, ShowActivity.class);  
 startActivity(intent);  
 }  
 });  
  
 Map.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent intent = new Intent(MainActivity.this, MapsActivity.class);  
 startActivity(intent);  
 }  
 });  
 }  
}

package com.example.a71p;  
  
import androidx.fragment.app.FragmentActivity;  
  
import android.content.Intent;  
import android.database.Cursor;  
import android.os.Bundle;  
import android.util.Log;  
  
import com.google.android.gms.maps.CameraUpdateFactory;  
import com.google.android.gms.maps.GoogleMap;  
import com.google.android.gms.maps.OnMapReadyCallback;  
import com.google.android.gms.maps.SupportMapFragment;  
import com.google.android.gms.maps.model.LatLng;  
import com.google.android.gms.maps.model.MarkerOptions;  
import com.example.a71p.databinding.ActivityMapsBinding;  
  
public class MapsActivity extends FragmentActivity implements OnMapReadyCallback {  
  
 private GoogleMap mMap;  
 private ActivityMapsBinding binding;  
 private LatLng locationLatLng;  
 private String locationName;  
 LatLng locationlatlng;  
 MyDatabaseHelper myDB;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
  
 binding = ActivityMapsBinding.inflate(getLayoutInflater());  
 setContentView(binding.getRoot());  
  
  
 myDB = new MyDatabaseHelper(this);  
  
// Intent intent = getIntent();  
// if (intent != null) {  
// locationName = intent.getStringExtra("locationName");  
// locationLatLng = intent.getParcelableExtra("locationLatLng");  
// setTitle(locationName);  
//  
//  
// }  
  
 // Obtain the SupportMapFragment and get notified when the map is ready to be used.  
 SupportMapFragment mapFragment = (SupportMapFragment) getSupportFragmentManager()  
 .findFragmentById(R.id.map);  
 mapFragment.getMapAsync(this);  
  
  
 }  
  
 */\*\*  
 \* Manipulates the map once available.  
 \* This callback is triggered when the map is ready to be used.  
 \* This is where we can add markers or lines, add listeners or move the camera. In this case,  
 \* we just add a marker near Sydney, Australia.  
 \* If Google Play services is not installed on the device, the user will be prompted to install  
 \* it inside the SupportMapFragment. This method will only be triggered once the user has  
 \* installed Google Play services and returned to the app.  
 \*/* @Override  
 public void onMapReady(GoogleMap googleMap) {  
 mMap = googleMap;  
  
 // Add a marker in Sydney and move the camera  
// LatLng sydney = new LatLng(-34, 151);  
// mMap.addMarker(new MarkerOptions().position(sydney).title("Marker in Sydney"));  
// mMap.moveCamera(CameraUpdateFactory.newLatLng(sydney));  
  
 Cursor cursor = myDB.getAllItems();  
 if (cursor != null && cursor.moveToFirst()){  
 do{  
  
 String name = cursor.getString(cursor.getColumnIndexOrThrow(MyDatabaseHelper.COLUMN\_NAME));  
 double lat = cursor.getDouble(cursor.getColumnIndexOrThrow(MyDatabaseHelper.COLUMN\_LATITUDE));  
 double lng = cursor.getDouble(cursor.getColumnIndexOrThrow(MyDatabaseHelper.COLUMN\_LONGITUDE));  
 Log.e("LATLNG", "LAT: "+ lat + " LNG: " + lng);  
  
 locationlatlng = new LatLng(lat,lng);  
 Log.e("LcationLATLNG", locationlatlng.toString());  
  
 mMap.addMarker(new MarkerOptions().position(locationlatlng).title(name));  
  
 mMap.moveCamera(CameraUpdateFactory.newLatLngZoom(locationlatlng, 10));  
 }while (cursor.moveToNext());  
 cursor.close();  
 }  
  
  
  
// if (locationlatlng != null){  
// mMap.addMarker(new MarkerOptions().position(locationlatlng).title(MyDatabaseHelper.COLUMN\_NAME));  
// mMap.moveCamera(CameraUpdateFactory.newLatLngZoom(locationlatlng, 10));  
// }  
  
 }  
}

package com.example.a71p;  
  
import android.content.ContentValues;  
import android.content.Context;  
import android.database.Cursor;  
import android.database.sqlite.SQLiteDatabase;  
import android.database.sqlite.SQLiteOpenHelper;  
  
import androidx.annotation.Nullable;  
import androidx.appcompat.app.AppCompatActivity;  
  
public class MyDatabaseHelper extends SQLiteOpenHelper {  
  
 private static final String DATABASE\_NAME = "lostfound1.db";  
 private static final int *DATABASE\_VERSION* = 1;  
  
 public static final String *TABLE\_NAME* = "items";  
 public static final String *COLUMN\_ID* = "\_id";  
 public static final String *COLUMN\_POSTTYPE* = "post\_type";  
 public static final String *COLUMN\_NAME* = "name";  
 public static final String *COLUMN\_PHONE* = "phone";  
 public static final String *COLUMN\_DESC* = "desc";  
 public static final String *COLUMN\_LOCATION* = "location";  
 public static final String COLUMN\_DATE = "date";  
 public static final String COLUMN\_LATITUDE = "latitude"; // New column for latitude  
 public static final String COLUMN\_LONGITUDE = "longitude";  
 public MyDatabaseHelper( Context context){  
 super(context, DATABASE\_NAME, null, DATABASE\_VERSION);  
 }  
  
 public boolean insertItem(String postYpe, String string, String string1,  
 String string2, String string3, String string4, double latitude, double longitude) {  
 SQLiteDatabase db = this.getWritableDatabase();  
 ContentValues contentValues = new ContentValues();  
 contentValues.put(COLUMN\_POSTTYPE, postYpe);  
 contentValues.put(COLUMN\_NAME, string);  
 contentValues.put(COLUMN\_PHONE, string1);  
 contentValues.put(COLUMN\_DESC,string2);  
 contentValues.put(COLUMN\_DATE, string3);  
 contentValues.put(COLUMN\_LOCATION,string4);  
 contentValues.put(COLUMN\_LATITUDE, latitude); // Insert latitude  
 contentValues.put(COLUMN\_LONGITUDE, longitude);  
 long result = db.insert(TABLE\_NAME, null, contentValues);  
 return result != -1;  
 }  
  
 @Override  
 public void onCreate(SQLiteDatabase db) {  
 String createTable = "CREATE TABLE " + TABLE\_NAME + " (" + COLUMN\_ID + " INTEGER PRIMARY KEY AUTOINCREMENT, " +  
 COLUMN\_POSTTYPE + " TEXT, " + COLUMN\_NAME + " TEXT, " + COLUMN\_PHONE + " TEXT, " + COLUMN\_DESC + " TEXT, " +  
 COLUMN\_LOCATION + " TEXT, " + COLUMN\_DATE + " TEXT, " + COLUMN\_LATITUDE + " REAL, " + COLUMN\_LONGITUDE + " REAL)";  
 db.execSQL(createTable);  
 }  
  
 @Override  
 public void onUpgrade(SQLiteDatabase db, int oldVersion, int newVersion) {  
 db.execSQL("DROP TABLE IF EXISTS " + TABLE\_NAME);  
 onCreate(db);  
 }  
  
 public Cursor getAllItems(){  
 SQLiteDatabase db = this.getReadableDatabase();  
 return db.rawQuery("SELECT \* FROM " + TABLE\_NAME, null);  
 }  
  
 public Integer deleteItem(String id){  
 SQLiteDatabase db = this.getWritableDatabase();  
 return db.delete(TABLE\_NAME, COLUMN\_ID +" = ?", new String[]{id});  
 }  
}

package com.example.a71p;  
  
import android.content.Intent;  
import android.database.Cursor;  
import android.os.Bundle;  
import android.view.MenuItem;  
import android.view.View;  
import android.widget.AdapterView;  
import android.widget.ArrayAdapter;  
import android.widget.ListView;  
import android.widget.Toast;  
  
import androidx.appcompat.widget.Toolbar;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import java.util.ArrayList;  
  
public class ShowActivity extends AppCompatActivity {  
  
 ListView listView;  
 MyDatabaseHelper myDB;  
 ArrayList<Integer> itemids;  
 ArrayList<String> list;  
 ArrayAdapter<String> totallist;  
  
 @Override  
 protected void onCreate( Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_show);  
  
 Toolbar toolbar2 = findViewById(R.id.toolbar2);  
 setSupportActionBar(toolbar2);  
 if (getSupportActionBar() != null){  
 getSupportActionBar().setDisplayHomeAsUpEnabled(true);  
 getSupportActionBar().setDisplayShowHomeEnabled(true);  
 }  
  
 listView = findViewById(R.id.listview);  
 myDB = new MyDatabaseHelper(this);  
 list = new ArrayList<>();  
 itemids = new ArrayList<>();  
  
 viewData();  
  
 listView.setOnItemClickListener(new AdapterView.OnItemClickListener() {  
 @Override  
 public void onItemClick(AdapterView<?> parent, View view, int position, long id) {  
 int itemId = itemids.get(position);  
 String itemDetails = list.get(position);  
  
 Intent intent = new Intent(ShowActivity.this, ShowItemActivity.class);  
 intent.putExtra("ITEM\_ID", itemId);  
 intent.putExtra("ITEM\_DETAILS", itemDetails);  
 startActivity(intent);  
 }  
 });  
 }  
  
 private void viewData() {  
 Cursor Cursor = myDB.getAllItems();  
  
 if (Cursor.getCount()==0){  
 Toast.makeText(this, "No data to display", Toast.LENGTH\_SHORT).show();  
 } else {  
 while (Cursor.moveToNext())  
 {  
 itemids.add(Cursor.getInt(0));  
 list.add(Cursor.getString(1)+" " + Cursor.getString(2)+" " + Cursor.getString(3)+" " + Cursor.getString(4)+" " + Cursor.getString(5));  
 }  
 totallist = new ArrayAdapter<>(this, android.R.layout.simple\_list\_item\_1, list);  
 listView.setAdapter(totallist);  
 }  
 }  
  
 public boolean onOptionsItemSelected(MenuItem item){  
 if (item.getItemId()==android.R.id.home){  
 finish();  
 return true;  
 }  
 return super.onOptionsItemSelected(item);  
 }  
  
}

package com.example.a71p;  
  
import android.os.Bundle;  
import android.view.MenuItem;  
import android.view.View;  
import android.widget.Button;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
  
public class ShowItemActivity extends AppCompatActivity {  
  
 TextView name, date, location;  
 Button remove;  
 MyDatabaseHelper myDB;  
 int itemId;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_item\_single*);  
  
  
  
  
 name = findViewById(R.id.*textView*);  
 remove = findViewById(R.id.*removebtn*);  
 myDB = new MyDatabaseHelper(this);  
  
 itemId = getIntent().getIntExtra("ITEM\_ID", -1);  
 String itemdetails = getIntent().getStringExtra("ITEM\_DETAILS");  
 name.setText(itemdetails);  
  
 remove.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Integer rows = myDB.deleteItem(String.*valueOf*(itemId));  
 if (rows > 0){  
 Toast.*makeText*(ShowItemActivity.this, "Item is Removed", Toast.*LENGTH\_SHORT*).show();  
 finish();  
 } else {  
 Toast.*makeText*(ShowItemActivity.this, "Item is not Removed", Toast.*LENGTH\_SHORT*).show();  
 }  
 }  
 });  
 }  
  
// @Override  
// public boolean onOptionsItemSelected(MenuItem item) {  
// if (item.getItemId() == android.R.id.home)  
// {  
// finish();  
// return true;  
// }  
// return super.onOptionsItemSelected(item);  
// }  
}

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 android:orientation="vertical">  
  
 <androidx.appcompat.widget.Toolbar  
 android:id="@+id/toolbar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="?attr/actionBarSize"  
 android:background="?attr/colorPrimary"  
 android:theme="?attr/actionBarTheme"  
 android:popupTheme="@style/Theme.AppCompat.Light"  
 />  
 <RadioGroup  
 android:layout\_width="match\_parent"  
 android:id="@+id/posttype"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"  
 android:layout\_marginTop="16dp"  
 >  
  
 <RadioButton  
 android:id="@+id/lost"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Lost"  
 android:checked="true"/>  
 <RadioButton  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Found"  
 android:id="@+id/found"/>  
 </RadioGroup>  
  
 <EditText  
 android:id="@+id/editTextText"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:ems="10"  
 android:inputType="text"  
 android:hint="Name" />  
  
 <EditText  
 android:id="@+id/editTextText2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:ems="10"  
 android:inputType="text"  
 android:hint="Phone" />  
  
 <EditText  
 android:id="@+id/editTextText3"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:ems="10"  
 android:inputType="text"  
 android:hint="Desc" />  
  
 <EditText  
 android:id="@+id/editTextText4"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:ems="10"  
 android:inputType="text"  
 android:hint="Date" />  
  
 <EditText  
 android:id="@+id/editTextText5"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:ems="10"  
 android:inputType="text"  
 android:hint="Location" />  
  
 <fragment  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/autocomplete\_fragment"  
 android:name="com.google.android.libraries.places.widget.AutocompleteSupportFragment"/>  
  
 <Button  
 android:id="@+id/button3"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Save" />  
  
</LinearLayout>

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical">  
  
  
 <TextView  
 android:id="@+id/textView"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="TextView" />  
  
 <TextView  
 android:id="@+id/textView2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="TextView" />  
  
 <TextView  
 android:id="@+id/textView3"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="TextView" />  
  
 <Button  
 android:id="@+id/removebtn"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="remove" />  
</LinearLayout>

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:padding="16dp">  
  
  
 <Button  
 android:id="@+id/button"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Create"  
 android:layout\_marginBottom="16dp"  
 />  
 <Button  
 android:id="@+id/button2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Show"  
 android:layout\_marginBottom="16dp"/>  
  
 <Button  
 android:id="@+id/map"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Show on Map" />  
</LinearLayout>

<?xml version="1.0" encoding="utf-8"?>  
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <fragment  
 android:id="@+id/map"  
 android:name="com.google.android.gms.maps.SupportMapFragment"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"/>  
</RelativeLayout>

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:padding="16dp"  
 >  
  
  
 <androidx.appcompat.widget.Toolbar  
 android:id="@+id/toolbar2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="?attr/colorPrimary"  
 android:minHeight="?attr/actionBarSize"  
 android:theme="?attr/actionBarTheme" />  
  
 <ListView  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:id="@+id/listview"/>  
  
  
</LinearLayout>