\*MapActivity.java

package com.example.ahmadmaps;  
  
import androidx.fragment.app.FragmentActivity;  
  
import android.graphics.Bitmap;  
import android.graphics.Color;  
import android.graphics.drawable.BitmapDrawable;  
import android.os.Bundle;  
  
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.BitmapDescriptorFactory;  
import com.google.android.gms.maps.model.LatLng;  
import com.google.android.gms.maps.model.MarkerOptions;  
import com.example.ahmadmaps.databinding.ActivityMapsBinding;  
import com.google.android.gms.maps.model.PolylineOptions;  
  
public class MapsActivity extends FragmentActivity implements OnMapReadyCallback {  
  
 private GoogleMap mMap;  
 private ActivityMapsBinding binding;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
  
 binding = ActivityMapsBinding.*inflate*(getLayoutInflater());  
 setContentView(binding.getRoot());  
  
 // 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);  
 }  
  
 @Override  
 public void onMapReady(GoogleMap googleMap) {  
 mMap = googleMap;  
  
 // Add a marker in PGM s and move the camera  
 LatLng PGM = new LatLng(-0.882951, 119.842360);  
 LatLng GOR = new LatLng(-0.895737, 119.872360);  
 // custom size marker  
 int tinggi = 100;  
 int lebar = 100;  
 BitmapDrawable bitmapStart = (BitmapDrawable) getResources().getDrawable(R.drawable.*pin\_map\_hitam*);  
 BitmapDrawable bitmapDes = (BitmapDrawable) getResources().getDrawable(R.drawable.*pin\_map\_Merah*);  
 Bitmap s = bitmapStart.getBitmap();  
 Bitmap d = bitmapDes.getBitmap();  
 Bitmap markerStart = Bitmap.*createScaledBitmap*(s, lebar, tinggi, false);  
 Bitmap markerDes = Bitmap.*createScaledBitmap*(d, lebar, tinggi, false);  
  
 // Add marker to map  
 mMap.addMarker(new MarkerOptions().position(PGM).title("Marker in PGM")  
 .snippet("Posisi saya sekarang")  
 .icon(BitmapDescriptorFactory.*fromBitmap*(markerStart)));  
 mMap.addMarker(new MarkerOptions().position(GOR).title("Marker in GOR")  
 .snippet("Tujuan saya")  
 .icon(BitmapDescriptorFactory.*fromBitmap*(markerDes)));

mMap.addPolyline(new PolylineOptions().add(  
 PGM,  
 new LatLng(-0.883826, 119.842044),  
 new LatLng(-0.891742, 119.854810),  
 new LatLng(-0.892153, 119.855220),  
 new LatLng(-0.894320, 119.856072),  
 new LatLng(-0.894801, 119.856490),  
 new LatLng(-0.898427, 119.863692),  
 new LatLng(-0.897248, 119.868580),  
 new LatLng(-0.896170, 119.869506),  
 new LatLng(-0.898427, 119.863692),  
 new LatLng(-0.896438, 119.872723),  
 new LatLng(-0.895853, 119.872841),  
 GOR  
 ).width(10)  
 .color(Color.*BLUE*)  
 );  
  
 mMap.moveCamera(CameraUpdateFactory.*newLatLng*(GOR));  
 }  
}

\*Androidmanifest.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">  
  
 <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:supportsRtl="true"  
 android:theme="@style/Theme.AhmadMaps"  
 tools:targetApi="31">  
  
 <!--  
 *TODO: Before you run your application, you need a Google Maps API key.*  
  
 To get one, follow the directions here:  
  
 https://developers.google.com/maps/documentation/android-sdk/get-api-key  
  
 Once you have your API key (it starts with "AIza"), define a new property in your  
 project's local.properties file (e.g. MAPS\_API\_KEY=Aiza...), and replace the  
 "YOUR\_API\_KEY" string in this file with "${MAPS\_API\_KEY}".  
 -->  
 <meta-data  
 android:name="com.google.android.geo.API\_KEY"  
 android:value="AIzaSyCmnyapPjWWhzTyq0wGZBd\_t2eo8T68MXA" />  
  
 <activity  
 android:name=".MapsActivity"  
 android:exported="true"  
 android:label="@string/title\_activity\_maps">  
 <intent-filter>  
 <action android:name="android.intent.action.MAIN" />  
  
 <category android:name="android.intent.category.LAUNCHER" />  
 </intent-filter>  
 </activity>  
 </application>  
  
</manifest>