1. Add API key to your APP

* Enable API key and services

Click - MAP SDK for Android in the google cloud platform

* Get API key from credentials

1. Add into the Gradle module from Gradle scripts

*implementation* (**"com.google.android.gms:play-services-maps:18.1.0"**)

1. AndroidManifest.XML

<meta-data  
    android:name="com.google.android.geo.API\_KEY"  
    android:value="${MAPS\_API\_KEY}" />

1. Go to res🡪 values🡪 click string

<**string name="my\_map\_api\_key"**>#Use your API key#</**string**>

1. Activitymain.xml

Remove the Textview part:

Add the below Content:

<**fragment  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:id="@+id/map"  
 android:name="com.google.android.gms.maps.SupportMapFragment"** />

1. Main Activity.Java

* **implements** OnMapReadyCallback
* **private** GoogleMap **myMap**;
* **Create this line**

**public void** onMapReady(@NonNull GoogleMap googleMap) {

**myMap** = googleMap;  
**int** lati=-34;  
**int** longti= 151;  
  
LatLng sydney = **new** LatLng(lati,longti);  
**myMap**.addMarker(**new** MarkerOptions().position(sydney).title(**"Sydney"**));  
**myMap**.moveCamera(CameraUpdateFactory.*newLatLng*(sydney));

**}**

* SupportMapFragment mapFragment = (SupportMapFragment) getSupportFragmentManager().findFragmentById(R.id.*map*);
* mapFragment.getMapAsync(**this**);