Assignment 1:

Following the instruction on the slides, go to Google API console and register a Google Android API key.

Assignment 2:

With the API key in the first assignment, build an Android app to display a Google Map on your device with the user controls such as zooming, focusing and location layer.

Hints:

* Create Fragment class in activity\_main.xml to hold the Google Map object

<fragment

android:id="@+id/map"

android:name="com.google.android.gms.maps.MapFragment"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"/>

* In the main activity, use
  + getFragmentManager().findFragmentById(R.id.map)).getMap() to identify the Fragment and get the Google Map instance.
  + setMyLocationEnabled(true) to enable My Location Layer
  + animateCamera(CameraUpdateFactory.zoomIn()) and animateCamera(CameraUpdateFactory.zoomOut()) to zoom in and zoom out on the Map
  + animateCamera(CameraUpdateFactory.scrollBy(xPixel, yPixel)) to scroll the map.