**CS 6314 - Practice Work 6**

**Due date:** October 23, 11:59PM

On an html page, provide a form for the user to enter an address. When the user clicks on the “Search” button:

Using Google Maps API, first find the latitude and longitude for the given address (Geocoding Service) and then find all nearby pharmacies (within 1500 meters) for that latitude and longitude (Places Library, nearbySearch function).

Show/mark pharmacies on Google maps.

**Resources:**

<https://developers.google.com/maps/documentation/javascript/tutorial>

<https://developers.google.com/maps/documentation/geocoding/start>

<https://developers.google.com/maps/documentation/javascript/places>

Geocoding example:

<https://developers.google.com/maps/documentation/javascript/examples/geocoding-simple>

You can use below API key for Google Maps.

AIzaSyBcWhzcS0fRqtT4czOHzFBfbw4PqiIhnk4