**CS 6314.002 - Practice Work 8**

**Due date:** March 27, 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.

Find all nearby restaurants for that latitude and longitude (within 1500 meters).

Show/mark them 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>

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

Google Maps API key:

AIzaSyBi\_JTzVqM5i25N6YLkEnn81lCxKj2BtdQ