

MODULE FOUR – MAP IT WITH GOOGLE MAP API

The Google Map API is a third-party API that we can add to our applications to request and display Google Map data.

Your Task:

- 1.) Create your own map using the Google Map API. Include a marker for one location on your map.
- 2.) After successfully creating your map, follow the tutorial instructions in order to add custom styling to your map. (<https://developers.google.com/maps/documentation/javascript/styling>)
- 3.) Choose one of the following:

a.) Add a custom legend to your map

OR

b.) Add more than one map marker/location to your map

Helpful Resources :

<https://developers.google.com/maps/documentation/javascript/get-api-key>

<https://developers.google.com/maps/documentation/javascript/adding-a-google-map>

<https://developers.google.com/maps/documentation/javascript/adding-a-legend>

<https://developers.google.com/maps/documentation/javascript/marker-clustering>

Assessment:

You will be assessed on the following:

	Missing Something	Getting There	Great Work	Awesomesauce
JS (2 marks)	JS contains errors, omissions and is not properly formatted. (0 marks)	JS are mostly well-formatted and valid with some errors present. (1 mark)	JS are mostly well-formatted and valid with few errors present. (1.5 marks)	JS are well-formatted, valid and error-free. (2 marks)
Google Map Integration (3 marks)	Developer was not able to integrate Google map (0 marks)	Developer was able to integrate Google Map. Basic styles and other customizations are not present. (1 mark)	Developer was able to integrate Google Map, custom styles and either a custom legend or custom marker with some success. (2 marks)	Developer was able to successfully integrate Google Map, custom styles and either a custom legend or custom marker. (3 marks)

Lab Due Date:

Section 02 (Tuesdays) - Due Friday April 2nd @ 11:59pm

Section 01 (Thursdays) - Due Sunday April 4th @ 11:59pm

Lab Weight:

2.5% of final grade

Submission Details:

Please submit all code files as a zipped folder on Blackboard.

!important

Please ensure that any work you submit is your own unique and independent work. Work submitted that is found to be not your own unique, and independent work will be subjected to a grade of 0 and considered to be academic misconduct.