LAB 10 – TRY AN API

In Lab 8, you developed the Weird Deals website that offered customers the opportunity to get great deals on some really strange products. For Lab 10, you will be adding even more functionality to Weird Deals with the inclusion of a Third Party API or Browser API of your choice.

Your Task:

1.) Use the files/website you created for Lab 8 (Weird Deals) as your project base.

2.) Think of or research an API that would be appropriate and help to enhance the customer experience for Weird Deals Shoppers (i.e. a link to their Twitter feed, map integration, geolocation, weather etc.).

List of Third Party APIs : https://apilist.fun/ or https://www.programmableweb.com/apis/directory

Browser APIs : https://developer.mozilla.org/en-US/docs/Web/API

3.) Choose a third-party or browser API to integrate into your lab (DOM API does not count!). APIs that I have demonstrated in the Module 4 videos will only count for 2/3 possible marks in functionality. To earn the full 3 marks, you must choose an API that we have not yet explored.

4.) Make sure everything is functional and publish your page using GitHub pages.

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. No comments added. (0 marks)	JS are mostly well-formatted and valid with some errors present. Few comments added. (1 mark)	JS are mostly well-formatted and valid with few errors present. Some comments added. (1.5 marks)	JS well-formatted, valid and error-free. Helpful comments added. (2 marks)
Functionality **(3 marks)**	Developer was not able to successfully integrate a browser or third party API. (0 marks)	Developer was able to integrate third-party or browser API with some issues. API was previously explored in Module 4. (1 mark)	Developer was able to integrate third-party or browser API. API was previously explored in Module 4. (2 marks)	Developer was able to successfully integrate an API that was not explored in Module 4. (3 marks)

Lab Due Date:

Tuesday July 28th @ 11:59pm

Lab Weight:

5% of final grade

Submission Details:

Please submit all code files as a zipped folder on Blackboard & include a link to your published GitHub page.

!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.