**CS 20 Web Programming  
Assignment: API Fun**

## Objectives

Learn how to decipher an online API and use AJAX to get results

## Tasks

Your assignment is to explore and use an API.

Part 1: Use postman.com to try out your API. Add a screen shot to your submission doc so that we know you completed this task.

Part 2: Use the AJAX data pattern or fetch to send a request to the API, retrieve some data and display the data in a user-friendly format – ie, you must not merely display raw data.

*See the Reading page in the module for ideas for public API’s.*

**Requirements for the API**:

* It must be free
* It must return the data in JSON format
* It must be accessible with a GET request
* You may NOT use the open weather API

Include the following content **on the web page** below the API results:

* describe the API you selected and what it does
* cite the website where you found it
* describe the options/parameters you used for the API request – i.e., what info did you need to provide (in the query string) to the API to get your results?
* give two applications where this API would be helpful.

## Rubric

Deliverables– 10 points

Screenshot for postman clearly showing the API request and the results – 25pts

Read API data and display on the web page along with requested information – 65 points

**Deliverable Worksheet:**

* All code files uploaded to canvas – you may use a zip file
* Screenshot from postman (paste below)
* URL web page with API working online \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Answer to the question:  
  What were the most challenging and most satisfying things about doing this assignment?