WEB222 Lab 8

## Objective:

An intro to AJAX! Read the notes from the last week of class here:

<https://github.com/sictweb/web222/tree/master/weeks/week12>  
  
This lab is simple. We are going to build a quick search engine, for one topic.

## Overview:

Pick any Public API.   
  
The following list that you could use, or find one on your own.

<https://mixedanalytics.com/blog/list-actually-free-open-no-auth-needed-apis/>

The API you pick should accept parameters that allow you to return results based on your request.

**Example**: (Do NOT use this API call)  
  
<https://dog.ceo/api/breed/doberman/images>  
  
Where “Doberman” is the search term. Try “Hound”: <https://dog.ceo/api/breed/hound/images>  
  
Note: Not all API’s use this URL structure. Some may have a parameter at the end for searching;  
  
<https://api.kucoin.com/api/v1/market/stats?symbol=BTC-USDT>

**The Work:**

Create a single webpage that has a “Textbox” and a “Search” button (Google esq!) in the center, at the top of your page. Title the page for the “thing” you are allowing your users to search.  
  
When you click the search button, you will populate your page below with the search results, formatted in HTML that is pleasurable to look at for the user (Google search results, bing, etc. Maybe include the image?)  
  
Make sure you pre-populate the textbox with a search term, so it’s easy for me to search your topic!

## Coding:

When you are finished, you can zip your file and submit it to Blackboard