CAS CS591-MEAN
Problem Set 4

Time to start working with external data.

Requirements
0. Create a new branch, PS4. Be sure that your .gitignore file has an entry to exclude /node_modules from being pushed to github.

1. Build a Node/Express application. The app must have:
   a. An instance of express.Router in a separate route file that is mounted on the path /ps4 (i.e. app.use('/ps4'…)).
   b. A route using the GET method that retrieves data from an external API. For example, you might hit the Weather Channel API to retrieve the current weather conditions. ProgrammableWeb.com is a good spot to find APIs offering data you are interested in.
   c. A back-end rendered page to display the results of your call. This can be EJS, Pug, or any other templating language that you'd like to use.
2. Upload your homework files to your GitHub repo. Place the project in a directory called PS4.
3. Submit the URL for your GitHub repo/branch on Gradescope to complete the assignment.

A note about choice of API:

The assignment following this one asks you to correlate data between two APIs. For example, get the weather in several cities, then determine which of them has restaurants that include the weather in their name. For example, if there is rain in Boston, hit a second API to find restaurants with 'rain' in their name. (I know, this is an awkward example, but I think you'll get the idea.

For this assignment, you only need to implement the call to one of your APIs. We'll look at handling chained async calls over the next few days.