# CIST 1520

# Scripting Technologies - JavaScript

**LAB #11 – *40 Points***

**Instructions**: Enhance an address form using an Ajax request to autocomplete city and country fields based on a zip code entered by a user. You’ll do this using the zippopotam.us service.

Note: You should be able to run in web browser. If you run into issue, try using XAMPP.

Steps:

* Download and unzip the Lab 11 file.
* In index.html:
  + Enter your name and today’s date where indicated in the comment section in the document head.
  + Add script tag to access script.js file
* In the script.js file,
  + Within the anonymous function for the postalCode.onblur event handler, add the following:
    - Declare the codeValue and countryValue variables setting them equal to the value of the postalCode and country elements, respectively.
    - Set the value of the place and region elements to an empty text string.
    - Use Fetch to access the API at <http://api.zippopotam.us/country/code> where country is the value of the countryValue variable and code is the value of the codeValue variable.
    - When the Fetch promise is returned, add a then() method to parse the JSON response object.
    - Add another then() method using an arrow function with a single parameter named json. Set the value of the place element to place property for the postal code and the region element to the state abbreviation property.
    - If the response is rejected, write the error text to the console log.
* Execute 2 searches and take screen capture of outputs.:
  + Country: US Zip : 90210
  + Country: Great Britain Zip: EH1
* Submit screen captures, index.html & script.js files via blackboard

Sample Result:

