WEEK 4 ASSESSMENT

**JQUERY, HTTP**

# IN YOUR TEXT FILE, WRITE THE CODE TO COMPLETE THE FOLLOWING

### JavaScript, HTTP, JQuery

1. What is an IIFE and why do we use it?
2. There are several benefits of using jQuery. List three.
3. Rewrite this line using a jQuery selector: document.getElementById('my-info');
4. Rewrite this line using a jQuery selector: document.getElementsByClassName('hero');
5. Rewrite this line using a jQuery selector: document.getElementsByTagName('li');
6. Create a JSON object. It should have properties "id", "name", "price", and "pairs".
   1. The value of "id" is 1.
   2. "name" is "Vanilla Java Porter".
   3. "price" is 5.99.
   4. "pairs" is an array containing three items: "pan-seared salmon", "cayenne lime butter", and "pasta with cream sauce".
7. Write jQuery code so that when any button with class “bluish” is clicked, the background color of that button becomes blue and the text changes to “Clicked!”. *[3pts]*
8. What is the difference between GET and POST?
9. When Chrome makes a request, the first step is to determine which server to connect to. What part of the following URL identifies the server? <http://www.example.com:8080/products.html?search=shoes#p/1>
10. In a few sentences, describe what each of the following jQuery code snippets do. (Hint: One is correct; the other has a logic error.) Explain what is wrong with the erroneous one. *[2pts]*
    1. $.get("http://library.example.com/api/books", function(resBody) {  
        console.log( resBody.books[0].title );  
       });
    2. var books = $.get("http://library.example.com/api/books");  
       console.log( books.title[0] );
11. Assume you already have a variable called responseBody that contains the parsed JSON from *Figure A* (see reverse). Write a line of JavaScript to log the value "Animal Farm" to the console using that variable.
12. Assume you already have a variable called responseBody that contains the parsed JSON from *Figure A* (see reverse). Write a loop to log all three titles to the console.

|  |
| --- |
| *Figure A*  {  "books": [  { "title": "The Origin of Species", "author": "Charles Darwin" },  { "title": "Animal Farm", "author": "George Orwell" },  { "title": "1984", "author": "George Orwell" }  ]  } |