1. Which HTML tag would you use to create a numbered list?

* ul, li, ol, dl

1. In HTML, <em> is used to identify

* Emphasizes text

1. How would you use CSS to change all the div elements to have a background color of blue?
2. What is the correct HTML for creating a text hyperlink?

* <a href="*url*">*link text*</a>

1. In this excerpt of HTML table code, what line should be inserted instead of "Insert Code Here" to give the table a title of "Best Table Ever" that takes up two rows?
2. How would you display an image with a hyperlink in HTML?

* <a href="default.asp">  
    <img src="smiley.gif" alt="HTML tutorial"style="width:42px;height:42px;border:0;">  
  </a>

1. Which HTML tag creates bold text?

* <strong>tag

1. What does the height attribute of a div element represent in pixels?
2. How would you use CSS to change the font size for the p element with an id of “header”?

* font-size

1. What tag should be in place of "Insert Tag Here" to make this HTML table code properly formatted?
2. Assuming that console.log() is a function that prints a line to the screen, what will the code output? (understand a for loop in javascript)
3. Referring to the previous question, what would the equivalent code be, if using a while loop?
4. How would you use JavaScript to select all the p elements with an id of “header” and change their text color to red?
5. What would you use in jQuery to select all p elements on the page?

* $("p").hide();

1. What does the following jQuery code do? (mouse events)
2. Which jQuery code snippet will create a new li element and append it to the ul element.
3. Which jQuery code snippet will select the <li class='source'>..</li> element and change the text to 'AP'.
4. Which jQuery code snippet will select all p elements and remove them.

* $("p").remove();

1. Which jQuery code snippet will create a new h1 element with the text 'Breaking news', and prepend it to<div class='article'>..</div>element.
2. Which jQuery code snippet will select the ul element and add the class "attribution".
3. Which jQuery code snippet will select the <p class="description">..</p> and remove the class "description".
4. Which jQuery code snippet will create a new li element with the class "author", and append it to
5. Which jQuery code snippet will select the a element and change the text to "Read more".
6. Which jQuery code snippet will select the next sibling of the <p class="description">..</p> element.
7. Which jQuery code snippet will select the previous sibling of the ul element and change its text to "Breaking news".
8. In creating a web page, what is the Presentation Layer? (Lab Section #1 Resume)

* CSS

1. In creating a web page, what is the Content Layer? (Lab Section #1 Resume)

* HTML

1. In creating a web page, what is the Behavior Layer? (Lab Section #1 Resume)

* JavaScript

29.  What Exactly is Mixed Content? (<http://www.howtogeek.com/181911/htg-explains-what-exactly-is-a-mixed-content-warning/>)

* There are actually two types of mixed content. The more dangerous one is “mixed active content” or “mixed scripting.” This occurs when an HTTPS site loads a script file over HTTP. The script file can run any code on the page it wants to, so loading a script over an insecure connection completely ruins the security of the current page. Web browsers generally block this type of mixed content completely.

1. What is Cross-origin resource sharing (CORS)? (<https://en.wikipedia.org/wiki/Cross-origin_resource_sharing>)

* Cross-origin resource sharing (CORS) is a mechanism that allows restricted resources (e.g. fonts) on a [web page](https://en.wikipedia.org/wiki/Web_page)[[1]](https://en.wikipedia.org/wiki/Cross-origin_resource_sharing#cite_note-mozhacks_cors-1)to be requested from another [domain](https://en.wikipedia.org/wiki/Domain_name_front_running) outside the domain from which the first resource was served.[[1]](https://en.wikipedia.org/wiki/Cross-origin_resource_sharing#cite_note-mozhacks_cors-1) A web page may freely embed cross-origin images, [stylesheets](https://en.wikipedia.org/wiki/Style_sheet_(web_development)), scripts, [iframes](https://en.wikipedia.org/wiki/HTML_element" \o "HTML element), and videos.[[2]](https://en.wikipedia.org/wiki/Cross-origin_resource_sharing#cite_note-2)

1. What does the compiler do in the AngularJS runtime system? (<https://docs.angularjs.org/guide/concepts#compiler>)

* parses the template and instantiates directives and expressions

1. What is two-way data binding? (<https://docs.angularjs.org/guide/concepts#databinding>)

* Data-binding in AngularJS apps is the automatic synchronization of data between the model and view components. The way that AngularJS implements data-binding lets you treat the model as the single-source-of-truth in your application. The view is a projection of the model at all times. When the model changes, the view reflects the change, and vice versa.

1. What is dependency injection? (<https://docs.angularjs.org/guide/concepts#di>)

* Creates and wires objects and functions
* Dependency Injection (DI) is a software design pattern that deals with how objects and functions get created and how they get a hold of their dependencies.

1. How does scope interact with the controller and view in an Angular application? (<https://docs.angularjs.org/guide/concepts#scope>)

* context where the model is stored so that controllers, directives and expressions can access it