



Week 1 Assessment

CSS

1. Illustrate the CSS box-model.

2. Using the HTML below, write CSS styles so that the image has 20px of padding, a solid blue border of 3px, and a margin of 10px.

```

```

3. What are the three ways to implement CSS styles? Which way is best and why?

4. Which combination of CSS selectors is the **most** specific?

- a. `.content#about`
- b. `.container div.content#about`
- c. `#about`
- d. `div.content#about`

jQuery

1. In your own words, what is jQuery? Why is it useful?

2. Using jQuery, how would you select an anchor tag (`<a>`) with the class `.active` ?

Array Methods

1. For the following team...

```
var playersEast = [  
  "Bismo Funyuns",  
  "Decatholac Mango",  
  "Mergatroid Skittle",  
  "Quiznatodd Bidness",  
  "Quackadilly Blip"  
];
```

"Goolius Boozler" is a new recruit. Add him to `playersEast` !

2. For the same team above, "Mergatroid Skittle" has been injured. Using array methods, replace him with "BisqueTeen Trisket".

3. But wait, there's another team!

```
var playersWest = [  
  "Equine Ducklings",  
  "Dahistorius Lamystorius",  
  "Ewokoniad Sigourneth JuniorStein",  
  "Eqqsnuizitine Buble-Schwinslow",  
  "King Prince Chambermaid",  
  "Ladennifer Jadaniston"  
];
```

We need to combine all of the players from `playersEast` and `playersWest` and sort them alphabetically.

Global & Local Scope

1. In the below code, what is the value of `finalResult` ?

```
var a = 3;  
function add (num) {  
  a = 1;  
  var result = num + a;  
  return result;  
}  
  
var finalResult = add(5);
```

2. Now what is the value of `finalResult` ?

```
var a = 3;
function add (num) {
  var a = 2;
  var result = num + a;
  return result;
}

var finalResult = add(4) + a;
```

Functions

1. Write a function that takes in a number and determines if that number is divisible by three, but not by six. (e.g. 3 and 9 would pass this test; 6 and 12 would not)

How hard was this problem?	How confident are you in your solution?
Hard <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Easy	It's shaky <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Nailed it!