

**CIS 658 Web Architectures**  
**Winter 2020**  
**Homework #3**  
**Due: January 30, 2020**

**Instructions:** Craft CSS code for the following scenarios. You must craft your CSS by hand – do not use any third party CSS or JavaScript libraries in your solutions. You may use jsfiddle.net, or a development environment of your choice.

Avoid duplicating CSS rules when possible.

**Problem #1:**

Result

## Example 1

**C**urabitur blandit tempus porttitor. Duis mollis, est non commodo luctus, nisi erat porttitor ligula, eget lacinia odio sem nec elit. Aenean eu leo quam. Pellentesque ornare sem lacinia quam venenatis vestibulum. Maecenas faucibus mollis interdum. Aenean lacinia bibendum nulla sed consectetur. Maecenas sed diam eget risus varius blandit sit amet non magna. Vivamus sagittis lacus vel augue laoreet rutrum faucibus dolor auctor. Aenean eu leo quam. Pellentesque ornare sem lacinia quam venenatis vestibulum.

*Mad Tertulous*

**The HTML source:**

```
<h1> Example 1 </h1>  
<div class="important">  
  <p> <span class="bigtext">C</span>urabitur blandit tempus porttitor. Duis mollis, est non commodo
```

luctus, nisi erat porttitor ligula, eget lacinia odio sem nec elit. Aenean eu leo quam. Pellentesque ornare sem lacinia quam venenatis vestibulum. Maecenas faucibus mollis interdum. Aenean lacinia bibendum nulla sed consectetur. Maecenas sed diam eget risus varius blandit sit amet non magna. Vivamus sagittis lacus vel augue laoreet rutrum faucibus dolor auctor. Aenean eu leo quam. Pellentesque ornare sem lacinia quam venenatis vestibulum. </p>

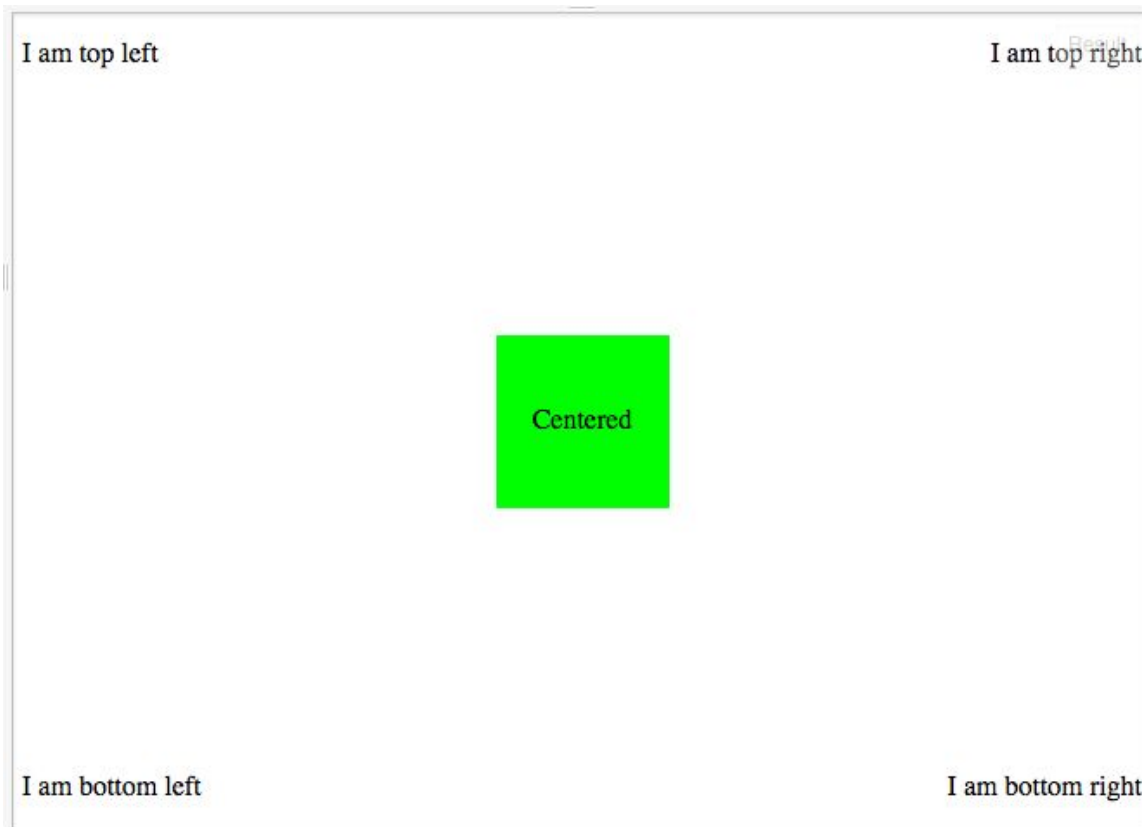
</div>

<p id="signature">Mad Tertulous</p>

### Specifications:

- h1 is centered with text color purple.
- The element marked with id="signature" is right justified italics.
- First character in the paragraph is the Georgia font family and 40px in size.

### Problem #2:



### HTML Source:

```
<p id="topleft"> I am top left </p>  
<p id="bottomleft"> I am bottom left </p>  
<p id="topright"> I am top right </p>  
<p id="bottomright"> I am bottom right </p>  
<div class="centered_green_box">
```

```
<p class="centered"> Centered </p>
</div>
```

### Specifications:

- left justified text has a left margin of 5px.
- Right justified text has a right margin of 5px.
- Top/bottom margin is default.
- Size of the box is 100px X 100px, with background color #00FF00.

### Problem #3

Aenean eu leo quam. Pellentesque ornare sem lacinia quam venenatis vestibulum. Integer posuere erat a ante venenatis dapibus posuere velit aliquet. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nullam id dolor id nibh ultricies vehicula ut id elit. Aenean lacinia bibendum nulla sed consectetur.

Nullam id dolor id nibh ultricies vehicula ut id elit. Aenean lacinia bibendum nulla sed consectetur. Aenean eu leo quam. Pellentesque ornare sem lacinia quam venenatis vestibulum. Nullam quis risus eget urna mollis ornare vel eu leo. Maecenas sed diam eget risus varius blandit sit amet non magna. Integer posuere erat a ante venenatis dapibus posuere velit aliquet. Donec ullamcorper nulla non metus auctor fringilla.

*Posuere erat a ante venenatis dapibus! onec ullamcorper nulla non metus auctor*

Maecenas faucibus mollis interdum. Nullam id dolor id nibh ultricies vehicula ut id elit. Donec ullamcorper nulla non metus auctor fringilla. Duis mollis, est non commodo luctus, nisi erat porttitor ligula, eget lacinia odio sem nec elit.

### HTML Source:

```
<p> Aenean eu leo quam. Pellentesque ornare sem lacinia quam venenatis vestibulum. Integer posuere erat a ante venenatis dapibus posuere velit aliquet. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nullam id dolor id nibh ultricies vehicula ut id elit. Aenean lacinia bibendum nulla sed consectetur. </p>
<div class="fancy_quote">Posuere erat a ante venenatis dapibus! onec ullamcorper nulla non metus auctor</div>
```

<p> Nullam id dolor id nibh ultricies vehicula ut id elit. Aenean lacinia bibendum nulla sed consectetur. Aenean eu leo quam. Pellentesque ornare sem lacinia quam venenatis vestibulum. Nullam quis risus eget urna mollis ornare vel eu leo. Maecenas sed diam eget risus varius blandit sit amet non magna. Integer posuere erat a ante venenatis dapibus posuere velit aliquet. Donec ullamcorper nulla non metus auctor fringilla.</p>

<p>Maecenas faucibus mollis interdum. Nullam id dolor id nibh ultricies vehicula ut id elit. Donec ullamcorper nulla non metus auctor fringilla. Duis mollis, est non commodo luctus, nisi erat porttitor ligula, eget lacinia odio sem nec elit.</p>

Specifications:

- paragraph text is displayed in default font.
- Quote box measures 200px X 100px.
- The font size of the quoted text is 120% larger than the default font-size.
- The font style of the quoted text is italic.

**Problem #4:**





**HTML Source:**

```
<div class="redbox">
  Get ready!
</div>
<div class="yellowbox">
  Get set!
</div>
<div class="greenbox">
  Go!!
</div>
```

**Specifications:**

- The boxes should begin to stack up vertically when the width of the view is reduced.
- Use shades of red, yellow, green for the box background and border. Colors do not need to match the example above exactly.
- The boxes are 100px wide.
- Padding, margins and borders are all set to 10px.
- Text should be centered in the containing box.
- Avoid duplicating lines of CSS. Place settings that apply to all three boxes in their own CSS ruleset.

## Problem #5



### HTML Source:

Here are your options:

```
<ol>
  <li> <a href="#1"> Link #1 </a> </li>
  <li> <a href="#2"> Link #2 </a> </li>
  <li> <a href="#3"> Link #3 </a> </li>
</ol>
```

### Specifications:

- normal, unvisited links are red with no underline.
- Visited links are grey with no underline.
- If you hover over a link it turns red with an underline.
- When you click a link it flashes momentarily a blue color with no underline.

### Problem #6:

Create a web page styled with CSS that displays the game board shown below. (The game is called Quixx and you can get it at WalMart for about \$10.)

- Make your page look as similar as you can to the board below. (It doesn't have to be perfect.)
- You can use the letter "L" instead of a lock icon.
- The image in front of the -5 is optional.
- Save these files locally. Don't use JSFiddle for this problem.



### Deliverables:

For problems 1-5, just email me the JSFiddle URL's. If you didn't use JSFiddle, just email me the .html and .css files

For problem 6, please e-mail me the .html and .css files.