

Sample midterm extra questions

1. HTML/CSS Coding

Write the XHTML and CSS code necessary to recreate the following appearance on-screen.



(Adapted from the WA.B.L. page of the Washington Beer Commission website, washingtonbeer.com.)

Most of the XHTML code is given to you; the code given may not be modified. The only change you may make to the provided XHTML code is that you may add any number of **div** and/or **span** elements, possibly with **id** and/or **class** attributes, as targets for CSS styling. Write **valid** code that would pass the W3C validators. Assume that the given XHTML code would appear inside the **body** of the page.

- Text on the page uses a **sans-serif** font. The area around the outside of the page has a yellowish color of **#FFB131**.
- The overall central page area has a **white background**, and a **5px-thick solid black** border on its bottom edge only. It is **centered** within the page and is **950px** wide.
- The list of links appears **without bullets**, displayed all in **one line, centered** on the page. Each link's text is **bold, not underlined**, colored **#FFB131**, has a line height of **2em**, and has **1.5em** of horizontal spacing on either side of it. (Between two adjacent links there is a total of **3em** space.)
- The main content area (beneath the navigation links) has **1.5em** of horizontal space on the left and right. All the headers inside of it are **underlined**.
- The "Join WA.B.L." section is located on the right side of the main content area, with text flowing around it. Its font size is **190%** of the font size of the rest of the page, and its background is colored **#FBC57B**. There is **.75em** of space separating its content from its edges, as well as **1em** of space separating its edges from the surrounding content.

All other appearance is unspecified, and is subject to the default rendering of the browser.

Mark up the text on the next page with your **div/span** tags. If a tag can't fit in the space provided, write it in the margins and draw an arrow to where it should be inserted.

Write your answer on the next page.

1. HTML/CSS Coding (writing space)

Mark up the **HTML code** below.

```
<h1></h1>

<ul><li><a href="">Home</a></li>           <li><a href="">Festivals</a></li>
  <li><a href="">Breweries</a></li>        <li><a href="">News</a></li>
  <li><a href="">WABL</a></li>            <li><a href="">About Us</a></li>
  <li><a href="">Contact</a></li></ul>

<h2>What is WA.B.L?</h2>
<p>WA.B.L. is a community of <strong>WA</strong>shington <strong>B</strong>eer ...</p>
<p>It's a Washington Beer Fan Club!</p>

<br/>
<a href="">JOIN WA.B.L NOW!</a>

<h2>WA.B.L. Perks</h2>
<p>WA.B.L.'ers enjoy monthly <strong>invitation-only</strong> events at various ...</p>
<p>Each year, upon renewal of their membership, WA.B.L.'ers receive a <strong>cool t-shirt</strong> ...</p>

<h2>WA.B.L. Passport</h2>
<p>WA.B.L.'ers are also encouraged to visit breweries when they're out traveling ...</p>
<p>Collecting stamps from WA breweries can get you some great prizes!</p>
```

Write your **CSS code** here. Put your CSS in two columns if you need more writing space, and/or use scratch paper.

2. HTML/CSS Coding

Write the XHTML and CSS code necessary to recreate the following appearance on-screen.

The screenshot shows a website layout for the Oregon Brewers Guild. On the left is a vertical navigation menu with links: BEER, BREWERIES, S.N.O.B., BLOG, EVENTS, PRESS, and ABOUT. Below the menu is a section titled 'HIT THE OREGON BEER TRAIL!' with a map of Oregon and the text 'Search our interactive brewpub map -'. The main content area has a heading 'S.N.O.B.' followed by a paragraph about becoming an Enthusiast Member. Below that is another paragraph about the benefits of being a SNOB. A section titled 'SNOBs receive the following Membership Benefits:' lists seven items. At the bottom of the main content area is a large blue banner with the text 'S.N.O.B. Supporter of Native Oregon Beer' in red, with a circular logo in the center of the 'O'.

(Adapted from the S.N.O.B page of the Oregon Brewers' Guild website, oregonbeer.org.)

Most of the XHTML code is given to you; the code provided may not be modified. The only change you may make to the provided XHTML code is that you may add any number of **div** and/or **span** elements, possibly with `id` and/or `class` attributes, as targets for CSS styling. Write **valid code** that would pass the W3C validators. Assume that the given HTML text would appear inside the `body` of the page.

- Text on the page uses the “Georgia” font. The area around the outside of the page has a nearly-black color of **#E2D1BB**.
- The overall page area has a background colored **#E2D1BB**. It is **centered** within the page and is **50em** wide.
- The left sidebar has a header in it, which should be **centered** within the column. The list of links in the left column are **bolded**, have **no bullets or underlines**, have a line height of **1.75em**, and are colored **#C5833B**. The sidebar's content is **8em** wide.
- The central content area has a **white** background color. Its content is **30em** wide. Additionally, there is **4em** of horizontal space on either side separating the content from the edges of the area.
- Surrounding each of the columns is **1em** of space on all sides.

Mark up the text on the next page with your `div/span` tags. If a tag can't fit in the space provided, write it in the margins and draw an arrow to where it should be inserted. All other appearance is unspecified, and is subject to the default rendering of the browser.

2. HTML/CSS Coding (writing space)

Mark up the **HTML code** below.

```
<h1></h1>

<ul><li><a href="">BEER</a></li>           <li><a href="">BREWERIES</a></li>
<li><a href="">S.N.O.B</a></li>           <li><a href="">BLOG</a></li>
<li><a href="">EVENTS</a></li>           <li><a href="">PRESS</a></li>
<li><a href="">ABOUT</a></li></ul>

<p></p>

<h2>S.N.O.B</h2>

<p>Now you can show your support for our world-class beers by becoming an <a href="">Enthusiast ...</p>
<p>As a SNOB, you will be able to show off your impeccable taste in malt beverages and at the same ...</p>

<p><strong>SNOBs receive the following Membership Benefits:</strong></p>
<ul>
  <li>Current SNOB shirt is Dusk Blue with Vermillion lettering and list of members on the back.</li>
  <li>Think Oregon Drink Oregon Bumper Sticker.</li>
  <li>"SNOB Stories" monthly <a href="">e-mail newsletter</a></li>
  ...
</ul>

<p></p>
```

Write your **CSS code** here. Put your CSS in multiple columns if you need more writing space, and/or use scratch paper.

3. HTML / CSS Coding

Write the HTML and CSS code necessary to recreate the following appearance onscreen. No manual line breaks have been inserted into the text.



Wikipedia - Geneva

Geneva is the second-most populous city in Switzerland (after Zurich) and is the most populous city of Romandy (the French-speaking part of Switzerland). Situated where the Rhone River exits Lake Geneva (French Lac Lemman), it is the capital of the Republic and Canton of Geneva.



Geneva is widely regarded as a global city, mainly because of the presence of numerous international organizations, including the headquarters of many of the agencies of the United Nations and the Red Cross. It is also the place where the Geneva Conventions were signed, which chiefly concern the treatment of wartime non-combatants and prisoners of war.

Geneva is also the name of Geneva Francine Stepp, an adorable baby also seen as:

- a desktop wallpaper
- the subject of a recent midterm exam

Geneva, the name

(f) English Possibly a shortened form of Genevive, or possibly from the name of the city in Switzerland.

Similar names:

- *Jenna*
- *Jennifer (Jenny)*
- *Genevieve*
- *Genevive*

NOTE: Most of the HTML code is given to you; the code given may not be modified. The only change you may make to the provided HTML code is that you may add any number of div and span elements, possibly with id and/or class attributes, as targets for CSS styling. Write valid code that would pass the W3C validators. Assume that the given HTML text would appear inside the body of the page. Here are the details about the desired appearance:

- The overall page's text uses a 14pt Verdana font. The page has an overall background of `bg.jpg`, located in the same folder as the page; the background should appear only once and should not repeat.
- The text in the page's main `h1` heading has a yellow background and a solid 5px-thick orange border.
- The main section of page content is half as wide as the browser window and centered horizontally in the window. The text uses the default left-alignment.
- The image of the Swiss flag, `switzerland.png`, has 1em of horizontal space between itself and nearby text. Text wraps around the image as necessary.
- The area on the right about "Geneva, the name" appears 1em from the page's top/right corner. Its width should be 1/5 of the width of the overall browser window. It has a solid 5px-thick red border. Text in that part of the page uses a 9pt font. 1em separates the section's border from the content inside the section. The items in the bulleted list in this section are in italic.

Mark up the text on the next page with your `div/span` tags. If a tag can't fit in the space provided, write it in the margins and draw an arrow to where it should be inserted. Write the CSS styles on the page after next.

3. HTML / CSS Coding (writing space)

```
<h1>
  Wikipedia - Geneva
</h1>

<p>
  Geneva is the second-most populous city in Switzerland (after
  Zurich) and is the most populous city of Romandy (the French-
  speaking part of Switzerland). Situated where the Rhone River
  exits Lake Geneva (French Lac Lemman), it is the capital of
  the Republic and Canton of Geneva.
</p>



<p>
  Geneva is widely regarded as a global city, mainly because of
  the presence of numerous international organizations, including
  the headquarters of many of the agencies of the United Nations
  and the Red Cross. It is also the place where the Geneva
  Conventions were signed, which chiefly concern the treatment
  of wartime non-combatants and prisoners of war.
</p>

<p>
  Geneva is also the name of Geneva Francine Stepp, an adorable
  baby also seen as:
</p>

<ul>
  <li>a desktop wallpaper</li>
  <li>the subject of a recent midterm exam</li>
</ul>

<h1>Geneva, the name</h1>

<p>
  (f) English

  Possibly a shortened form of Genevive, or possibly from
  the name of the city in Switzerland.
</p>

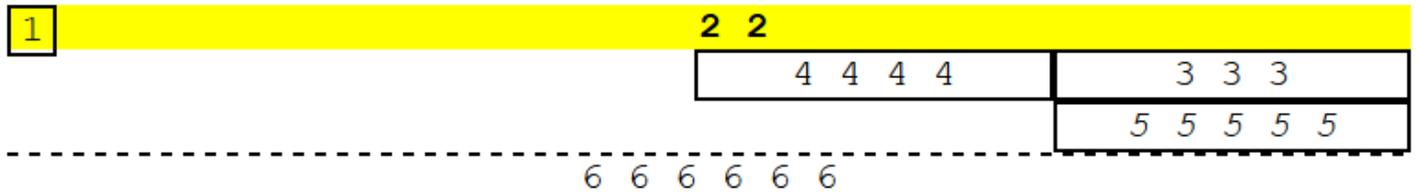
<p>
  Similar names:
</p>

<ul>
  <li>Jenna</li>
  <li>Jennifer (Jenny)</li>
  <li>Genevieve</li>
  <li>Genevive</li>
</ul>
```

4. CSS

Write the **CSS code** necessary to recreate the following appearance on-screen, exactly as shown.

The page uses the same HTML code as in the previous problem. You are **not allowed to modify the HTML**.



```
<div>
  <span>1</span>
  <div id="div">2 2</div>
</div>
<span class="div">3 3 3</span>
<div>
  <div class="div">4 4 4 4</div>
  <div id="span">5 5 5 5 5</div>
  <div class="span">6 6 6 6 6 6</div>
</div>
```

All text now uses a monospace font at the default size.

All borders shown are 2px thick and black in color.

The element with "2 2" now has a yellow background.

The elements with "3 3 3", "4 4 4 4", and "5 5 5 5 5" are now each exactly one fourth (1/4) of the page width.

The element "2 2" now has **bold** text, and the element "5 5 5 5 5" now has *italic* text.