

ASSIGNMENT 2 — Page Layout

Problem 1. Predict the Result. Draw and write a brief description of the web page that will be created with the following HTML code:

```

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <title>CircleSoft Web Design</title> <meta charset="utf-8">
5 <style>
6 h1 { border-bottom: 1px groove #333333;
7       color: #006600;
8 background-color: #cccccc } #goal { position: absolute;
9   nav a {
10 left: 200px;
11 top: 75px;
12 font-family: Arial, sans-serif; width: 300px; }
13 font-weight: bold; }
14 </style>
15 </head>
16 <body>
17 <h1>CircleSoft Web Design</h1>
18 <div id="goal">
19 <p>Our professional staff takes pride in its working
relationship with our clients by offering personaliz ed services
that listen to their needs, develop their target areas, and
incorporate these items into a we bsite that works.</p>
20 </div>
21 <nav>
22 <ul>
23 <li>Home</li>
24 <li><a href="about.html">About</a></li> <li><a
href="services.html">Services</a></li>
25 </ul>
26 </nav>
27 </body>
28 </html>

```

Problem 2. Fill in the Missing Code. This web page should be configured as a two-column page layout with a right column (containing the navigation area) that is 150 pixels wide. The right column should have a 1 pixel border. The margin in the left-column main content area needs to allow for space that will be used by the right column. Some CSS selectors, properties, and values, indicated by "_", are missing. Fill in the missing code.

```

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <title>Trillium Media Design</title> <meta charset="utf-8">
5 <style>
6 nav { "_____": "_____";
7 width: "_____"; background-color: #cccccc; border: "_____" }
8 header { background-color: #cccccc; color: #663333;
9 font-size: x-large;
10 border-bottom: 1px solid #333333; } main { margin-right: "_"; }
11 footer { font-size: x-small; text-align: center;
12 clear: "_"; } "_" a { color: #000066;
13 text-decoration: none; } ul {list-style-type: "_"; }
14 </style>
15 </head>
16 <body>
17 <nav>
18 <ul>
19 <li><a href="index.html">Home</a></li>
20 <li><a href="products.html">Products</a></li> <li><a
href="services.html">Services</a></li> <li><a href="
about.html">About</a></li>
21 </ul>
22 </nav>
23 <main>
24 <header>
25 <h1>Trillium Media Design</h1>
26 </header>
27 <p>Our professional staff takes pride in its working
relationship with our clients by offering personalized services that
listen
28 to their needs, develop their target areas, and incorporate
these items into a website that works.</p>
29 </main>
30 <footer>
31 Copyright &copy; 2016 Trillium Media Design<br>
32 Last Updated on 06/03/16
33 </footer>
34 </body>
35 </html>
36

```

Problem 3. Find the Error. When this page is displayed in a browser, the heading information obscures the floating image and paragraph text. Correct the errors and describe the process that you followed.

```

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <title>CSS Float</title> <meta charset="utf-8"> <style>
5   body { width: 500px; }
6 h1 {
7 background-color: #eeeeee; padding: 5px;
8 color: #666633;
9 position: absolute;

```

```

10 left: 200px;
11 top: 20px; }
12 p { font-family: Arial, sans-serif;
13     position; absolute;
14     left: 100px;
15     top: 100px; }
16 #yls { float: right;
17     margin: 0 0 5px 5px;
18     border: solid; }
19 </style>
20 </head>
21 <body>
22 <h1>Floating an Image</h1>
23 
24 <p>The Yellow Lady Slipper pictured on the right is a
wildflower. It grows in wooded areas and blooms in June each
year. The Yellow Lady Slipper is a member of the orchid family.</p>
25 </body>
26 </html>

```

Problem 4. Hands-On Exercises.

1. Write the CSS for an id with the following attributes: float to the left of the page, light tan background, Verdana or sans-serif large font, and 20 pixels of padding.
2. Write the CSS to configure a class that will produce a headline with a dotted line underneath it. Choose a color that you like for the text and dotted line.
3. Write the CSS for an id that will be absolutely positioned on a page 20 pixels from the top and 40 pixels from the right. This area should have a light gray background and a solid border.
4. Write the CSS for a class that is relatively positioned. This class should appear 15 pixels in from the left. Configure the class to have a light green background.
5. Write the CSS for an id with the following characteristics: fixed position, light gray background color, bold font weight, and 10 pixels of padding.
6. Write the CSS to configure an image file named myimage.gif as the list marker in an unordered list.
7. Write the CSS to configure an unordered list to display a square list marker.
8. Configure a web page with a list of hyperlinks to your favorite sites. Use an unordered list without any list markers to organize the hyperlinks. Refer to Chapter 5 for color scheme resources. Choose a background color for the web page and a background color for the following states: unvisited hyperlink, hyperlink with a mouse pointer passing over it, and visited hyperlink. Use embedded CSS to configure the background and text colors. Also use CSS to configure the hyperlink's underline to not display when the mouse pointer is passing over it. Save the file as mylinks.html.
9. Use the mylinks.html file you created in 8 as a starting point. Modify the web page to use external rather than embedded CSS. Save the CSS file as links.css.
10. Create an HTML5 web page about one of your favorite hobbies. Choose a hobby and either take a relevant photo or select a relevant royalty-free photo from the. Decide on a heading for your page. Write one or two brief paragraphs about the hobby. The page must use valid HTML5 syntax and include the following elements: header, article, and footer. Use the figure, figcaption, and img elements to display the photo you have chosen. Include a hyperlink to a website that is relevant to the hobby. Include your name in an e-mail address in the page footer area. Configure the text, color, and layout with embedded CSS. Refer to the section "HTML5 Compatibility with Older Browsers" and review the techniques for configuring HTML5 pages to display in both modern and older versions of browsers. Modify the CSS and HTML of your page for cross-browser display. Save the file as myhobby.html.

