

AII006 Homework Assignment #6

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1. Which of the following, from outermost to innermost, are components of the box model?

- a. **margin, border, padding, content**
- b. content, padding, border, margin
- c. content, margin, padding, border
- d. margin, padding, border, content

Answer: a. margin, border, padding, content

2. Which of the following causes an element to display as a block of content with white space above and below?

- a. display: none;
- b. block: display;
- c. display: block;**
- d. display: inline;

Answer: c. display: block;

3. Which of the following pseudo-classes is the default state for a hyperlink that has been clicked?

- a. :hover
- b. :link
- c. :onclick
- d. :visited**

Answer: d. :visited

4. Which HTML5 element has the purpose of providing tangential content?

- a. article
- b. aside**
- c. sidebar
- d. section

Answer: b. aside

5. 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.

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Trillium Media Design</title>
<meta charset="utf-8">
<style>
nav { "float": "right"; width: "150px"; background-color: #cccccc; border: "1px solid #333333"; }
header { background-color: #cccccc; color: #663333; font-size: x-large; border-bottom: 1px solid
#333333; }
main { margin-right: "160px"; }
footer { font-size: x-small; text-align: center; clear: "right"; }
"nav" a { color: #000066; text-decoration: none; }
ul {list-style-type: "none"; }
</style>
</head>
<body>
<nav>
<ul>
<li><a href="index.html">Home</a></li>
<li><a href="products.html">Products</a></li>
<li><a href="services.html">Services</a></li>
<li><a href="about.html">About</a></li>
</ul>
</nav>
<main>
<header>
<h1>Trillium Media Design</h1>
</header>
<p>Our professional staff takes pride in its working relationship with our clients by offering personalized
services that listen to their needs, develop their target areas, and incorporate these items into a website
that works.</p>
</main>
<footer>
Copyright &copy; 2016 Trillium Media Design<br>
Last Updated on 06/03/16
</footer>
</body>
</html>
```

Answer:

```
<!DOCTYPE html>
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#333333; }
main { margin-right: 160px; }
footer { font-size: x-small; text-align: center; clear: right; }
nav a { color: #000066; text-decoration: none; }
ul {list-style-type: none; }
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<body>
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<ul>
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```

Explanation:

The navigation is placed on the right side by using **float: right;**.

Its width is set to **150px**, and the border is **1px solid #333333**.

The **main** section uses **margin-right: 160px;** to leave enough space for the navigation column.

The footer uses **clear: right;** so it appears below the floated navigation.

nav a styles the links inside the navigation, and **list-style-type: none;** removes bullet points from the list.