

AII006 Homework Assignment #3

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1. Consider the following code, in which some CSS properties and values, indicated by "", and some HTML tags, indicated by <>, are missing:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Trillium Media Design</title>
<meta charset="utf-8">
<style>
body { background-color: #0066CC;
color: " _ "; }
header { " _ ": " _ " }
<_>
<_>
<body>
<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>
</body>
</html>
```

The web page corresponding to the code should be configured so that the background and text colors have good contrast. The header area should use Arial. Fill in the missing code.

Answer:

The missing parts should be filled like this:

- #FFFFFF
- font-family
- Arial, sans-serif
- </style>
- </head>

Correct completed code:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Trillium Media Design</title>
<meta charset="utf-8">
<style>
body { background-color: #0066CC;
color: #FFFFFF; }
header { font-family: Arial, sans-serif; }
</style>
</head>
<body>
<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>
</body>
</html>
```

The text color is white so it has good contrast with the blue background. The header uses Arial font as requested.

2. Find the Error. Why won't the page corresponding to the following code display properly in a browser?

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Trillium Media Design</title>
<meta charset="utf-8">
<style>
body { background-color: #000066;
color: #CCCCCC;
font-family: Arial,sans-serif;
font-size: 1.2em; }
</style>
</head>
<body>
<header><h1>Trillium Media Design</h1></header>
<main><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>
</body>
</html>
```

Answer:

The page will not display properly because the `<style>` tag is written incorrectly.

At the end of the CSS code, the tag is written as:

```
<style>
```

but it should be:

```
</style>
```

This means the style section is not closed properly. Because of this error, the browser may not correctly read the rest of the HTML code. As a result, the page structure can break and the page may not display as expected.

Correct code:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Trillium Media Design</title>
<meta charset="utf-8">
<style>
body { background-color: #000066;
color: #CCCCCC;
font-family: Arial,sans-serif;
font-size: 1.2em; }
</style>
</head>
<body>
<header><h1>Trillium Media Design</h1></header>
<main><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>
</body>
</html>
```