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ECC006 Homework Assignment #7

1. How would you link to the named fragment #jobs on the page employ.html from the home page of the site?

- a. Jobs
- b. Jobs
- c. Jobs
- d. Jobs

2. Which pseudo-element can be used to generate content that precedes an element?

- a. :after
- b. :before
- c. :content
- d. :first-line

3. Which of the following is a mobile web design best practice?

- a. Configure a multiple-column page layout.
- b. Avoid using lists to organize information.
- c. Configure a single-column page layout.
- d. Embed text in images wherever possible.

4. Find the Error. The page below is intended for the navigation area to display on the right side of the browser window. What needs to be changed to make this happen?

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Find the Error</title>
<meta charset="utf-8">
<style>
body { background-color: #d5edb3;
```

```

color: #000066;
font-family: Verdana, Arial, sans-serif; }
nav { float: left; #this should be changed to float:right
width: 120px; }
main { padding: 20px 150px 20px 20px;
background-color: #ffffff;
color: #000000; }
</style>
</head>
<body>
<header role="banner">
<h1>Trillium Media Design</h1>
</header>
<nav role="navigation">
<ul>
#change this to float: right;
<li><a href="index.html">Home</a></li>
<li><a href="services.html">Services</a></li>
<li><a href="contact.html">Contact</a></li>
</ul>
</nav>
<main role="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>

```

Web research

Web designers can create websites that can efficiently meet their goals if they know and really understand the overlap between making a website accessible for a mobile device and for those with disabilities. In this summary i will discuss the similarities and benefits of addressing both and resources with technical details of the overlap.

The areas with overlap

Since a mobile phone doesn't use a mouse and only uses an alphanumeric keyboard, there will be difficulties in navigating the website if it requires a pointing device.

At the same time, computer users with disabilities may also have difficulties using a pointing device (mouse) if they are disabled in a way that they cannot use a mouse for example.

But with technology, people with disabilities can access websites using mobile phones which makes it easier for them and the same for those who cannot use a mobile device can as well use a pointing device or some other devices or ways, according to how a certain website will be designed.

Similar solutions

The W3C gives standards or guidelines on how to make accessible websites and best practices for making mobile-friendly content. For example:

- Web Content Accessibility Guidelines (WCAG) is a guide for making websites accessible to people with disabilities
- Mobile Web Best Practices (MWBP) is a guide for making websites usable from a mobile device.
- Mobile Web Application Best Practices (MWABP) is a guide for developing and delivering web application on mobile devices.

Designing for Mobile and Accessibility

This includes understanding the overlapping strengths for business case adopting to WCAG or MWBP in a website that already consists one of them or adopting both of them

The resource below provides a detailed mapping of the overlap between the difficulties and the solutions for making accessible websites to people with disabilities and so that they can be able to use mobile devices

- Shared Web Experience (SWE):

- Barriers Common to Mobile Device Users and People with Disabilities, it lists web interactions that are similar to a user with a disabilities and a user with a mobile device. It gives recommendations for designing web content without barriers from WCAG, MWBP and MWABP