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?

Answer: a. Jobs

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

Answer: b. :before

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

Answer: c. Configure a single-column page layout.

4. Find the Error

Problem: The navigation bar is set to float: left; which places it on the left side.

Solution: Change float to right so it appears on the right side.

Corrected CSS:

nav { float: right; width: 120px; }

5. Web Research Summary

Web accessibility and mobile web design share many common principles, as both focus on making content perceivable, operable, and understandable for users in various situations.

Some key areas of overlap include:

- Text Alternatives: Providing alt text for images not only helps visually impaired users, but also ensures mobile users can understand content when images don't load.

- Use of Headings: Proper heading structure helps screen reader users and improves readability on small screens.

- Responsive Layouts: Mobile designs often adapt layout and font sizes, which also benefit users with low vision or magnification tools.

- Touch-Friendly Navigation: Larger buttons and spacing help users with motor impairments as well as mobile users.

- Avoiding Fixed Sizes: Flexible content ensures compatibility across screen sizes and improves usability.

Conclusion:

Designing with accessibility and mobile compatibility in mind creates inclusive websites. Developers can use semantic HTML, responsive design, and good UX practices to support both goals effectively.