

Practice Assignment

Module 2	
Sr. No.	Questions
1	Analyse a popular e-commerce website and discuss how they utilise Bootstrap's grid system to ensure a consistent and user-friendly layout across devices.
2	You're developing a news website. Describe the role of semantic HTML tags in not only organising the content but also aiding in SEO and accessibility.
3	Design a navigation menu that transitions from horizontal to a collapsed mobile menu using CSS transitions and media queries. Explain the steps and reasoning behind your choices.
4	Research and elaborate on a real-world example where improper usage of CSS selectors led to maintenance challenges and decreased website performance. Suggest improvements.
5	You're building a landing page for a product. Discuss the advantages of using CSS frameworks like Bootstrap for rapid development and how you would customise the framework to suit your design needs.
6	Create a CSS animation for a call-to-action button that subtly changes colour and size when hovered over. Explain how this animation can enhance user engagement.

7	Examine a website that effectively uses parallax scrolling to create a visually engaging user experience. Describe the technical implementation and the impact on user engagement.
8	You're developing an educational platform with video content. How would you use HTML5's <video> element to ensure cross-browser compatibility and provide a seamless video playback experience?
9	Build a pricing table using HTML and CSS that highlights different subscription tiers with distinct features. Explain how CSS properties like gradients and box shadows can enhance the table's visual appeal.
10	Choose a website that heavily relies on media, such as images and videos, for its content. Evaluate how the site maintains a balance between media quality and loading speed, considering different devices and network conditions.