

Section 1: General Awareness

Web Development Basics:

- *What is web development, and why is it essential in the context of the internet?*
- In my view, web development encompasses the design and upkeep of web-based applications and websites. It's an exciting, ever-evolving field. Web developers create web pages for hosting on the internet. The role involves using languages like HTML, CSS, JavaScript, and frameworks like React or Node.js to build interactive and responsive websites. It requires a blend of creativity, problem-solving, and technical skills to craft user-friendly and visually appealing web experiences.

HTML Knowledge:

- *Have you heard of HTML? If yes, what does HTML stand for, and what is its primary purpose in web development ?*
- According to what I know, HTML stands for HyperText Markup Language. Its primary purpose in web development is to structure the content of a web page. HTML uses markup tags to define elements such as headings, paragraphs, lists, links, images, and more. These tags allow web browsers to interpret and display the content correctly to users.

Section 2 : Familiarity with CSS

1. CSS Understanding:

- *Are you familiar with CSS? If yes, briefly explain what CSS is used for in web development.*
- In the past, I've had the opportunity to use Cascading Style Sheets (CSS) to better control the visual appearance of a web page. This allowed me to understand their usefulness in web page layout. I can summarize that CSS styles enable the formatting of web pages by defining colors, fonts, margins, borders, backgrounds, and more. Using CSS has enhanced

my ability to create visually appealing and well-structured web pages.

Section 3: JavaScript and Its Importance

1. Introduction to JavaScript:

- *Have you heard of JavaScript? If yes, what is JavaScript, and why is it crucial for building interactive websites?*
- I have a basic understanding of JavaScript, although I haven't used it extensively aside from programming some occasional actions for certain buttons. JavaScript is primarily used to add interactivity and dynamic elements to web pages, such as form validation, interactive maps, and responsive animations. While I haven't delved deeply into JavaScript, I recognize its importance in enhancing the user experience and functionality of websites.

Section 4: Introduction to React and Node.js

1. React and Node.js Awareness :

- *Are you familiar with React and Node.js? If yes, provide a brief description of what React and Node.js are commonly used for in web development.*
- I have no experience with React and Node.js, but I'm eager to learn them for improving user interface design. I believe mastering these tools will enhance my ability to create dynamic and responsive web interfaces, ultimately benefiting the user experience.

Section 5: Bonus Question

1. Learning Intentions:

- Why do you want to learn web development, and what do you hope to achieve by acquiring skills in HTML, CSS, JavaScript, React, and Node.js?
- I want to learn web development for several reasons. Firstly, the web development sector has experienced steady growth in recent years, with new technologies constantly emerging to help developers create user-friendly websites and

applications. Additionally, I am motivated by the opportunity to join a multicultural team and work in a diverse environment. By acquiring skills in HTML, CSS, JavaScript, React, and Node.js, I hope to create innovative web products and contribute to exciting projects.