**Section 1: General Awareness**

Web development refers to the creation and maintenance of websites and web-based applications

Why is it essential;

* Enables businesses, corporations, and individuals to establish an online presence.
* Keeps us in the know-how of events happening around the world
* Sharing of information and provision of services to a global audience

**Section 2: Familiarity with CSS**

CSS stands for Cascading Style Sheets. CSS brings font styles, padding, responsiveness, and positioning to HTML content. It allows developers to define elements such as texts, images, and page layout to appear presentable on a web page.

**Section 3: JavaScript and Its Importance**

JavaScript is a client-side programming language that allows developers to create a dynamic and interactive web page.

Why is crucial for building interactive websites:

* JavaScript enables features like animation sliders, form validation, and real-time updates without page reloads.
* Forms a building block for other frameworks e.g. React, Vue.js.

**Section 4: Introduction to React and Node.js**

**React**

React is a JavaScript library for building user interfaces, allowing developers to create reusable UI components.

React is widely used for front-end development and works well with other tools and libraries.

**Node.js**

Node.js is a server-side JavaScript runtime environment. It allows developers to run JavaScript code outside the browser.

It is popular for back-end development and is scalable and efficient.

**Section 5: Bonus Question**

Learning web development opens up exciting opportunities and expands boundaries to vast reaches.

* Career Advancements.
* Bring ideas to life to share them with the world.
* Contribute to the online community and make a positive impact.
* Having the passion to build websites or hobby projects