

Web Programming Phase 1 Requirements

1. HTML Code

- Use HTML5 semantic tags such as [<section> , <header> , <footer> , <article> , etc.].
- Include a <nav> element for navigation and a <main> element for the main content of your pages.
- Ensure the correct tags are used for each section of your code to improve readability and accessibility.
- Structure your content logically using semantic elements to enhance SEO and user experience.

2. CSS Code

- Implement advanced CSS layouts such as grid and flexbox to create visually appealing and organized designs.
- Ensure responsive design by using media queries to adapt the layout for various screen sizes and devices.
- Utilize pseudo-classes like [:hover , :focus , :nth-child() , etc.] to enhance interactivity and styling.

3. JavaScript Code

- Perform DOM manipulation to dynamically update content, styles, or structure based on user interactions.
- Include a form with proper validation to ensure data integrity and provide user feedback.
- Implement animations or calculations within functions to enhance interactivity and functionality.
- Structure your JavaScript code to be modular and reusable where possible.

Additional Guidelines

- Enhance your project with optional features such as animations, transitions, or other creative elements to improve user engagement. (Bonus)
- Maintain a clear separation of concerns by organizing your project files effectively:
 - Place HTML files in the root or a dedicated pages folder.
 - Store CSS files in a styles folder and JavaScript files in a scripts folder.
 - Use an assets folder for images, fonts, or other resources.
 - Link these files appropriately to ensure a clean and maintainable project structure.
- Ensure your website consists of at least 8 pages, each serving a distinct purpose and contributing to the overall functionality of your project.

Most Important Point

- Ensure your project aligns with your chosen idea. For instance, if your idea is an online restaurant:
 - Include essential pages such as the menu, user orders, staff delivery management, and store browsing to provide a comprehensive user experience.