Internet Technologies

1. Understand the basic concepts and syntax of CSS, including the benefits of using CSS for styling web pages.
2. Apply different types of CSS selectors such as ID selectors, class selectors, and attribute selectors to style elements on a web page.
3. Use CSS properties for color, background, and cursor to enhance the visual appeal of a website.
4. Implement text fonts styling in CSS, including properties like color, text-align, font-family, and font-size.
5. Utilize CSS for creating lists, tables, and working with the box model for layout and design.
6. Implement advanced CSS techniques such as positioning, floats, and display properties for creating responsive designs.
7. Understand the basics of JavaScript and use it for manipulating the Document Object Model (DOM) and handling form submissions.
8. Learn the basics of PHP programming, including syntax, variables, constants, and data types.
9. Use PHP to handle HTML form submissions, including capturing form data, form methods, and form redirection.
10. Implement conditional statements, loops, and functions in PHP for controlling the flow of a program and enhancing code reusability.
11. Perform string manipulation operations in PHP, such as searching, replacing, formatting, and accessing string functions.
12. Work with arrays in PHP, including creating index-based and associative arrays, looping through arrays, and sorting elements.
13. Explore advanced PHP topics like date and time manipulation, browser configurations, and database connections using MySQL.
14. Understand the Model View Controller (MVC) architecture and use JSP scripting elements to create dynamic web applications.
15. Differentiate between JSP and Servlets and understand their roles in web development.