

## Internship DAY -2

### CSS COURSE SYLLABUS FOR WEB DESIGN

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#### PART 1: Basic of CSS

- Introduction to CSS
- Basic syntax of CSS and its types
- How to Insert Styling in HTML?
- Difference Between Margin and Padding
- What is Positioning in CSS? What are the Properties It Has?
- here and How to Use the 'Display' Property? What are the Values It Has?
- Basics of Document Object Model (DOM)

#### PART 2: Advanced CSS

- Create UI with 2d and 3d animation
- What is responsive design, and how can be implement?
- How to use Media queries?

### JAVASCRIPT COURSE SYLLABUS FOR WEB DESIGN

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#### PART 1: An Overview of JavaScript and Ajax

#### PART 2: Guidelines of a JS Developer

- Development workflow
- Select the right tools for the job
- Understanding internal vs. external scripts
- Understanding variables and its types
- What is operators and its types
- Basic Data types with examples
- Start writing your first Script

- What is comment? Why do we need to use?

### PART 3: JavaScript Language Essentials

- Conditional statement and Looping statement with example
- Understanding Arrays and Their Properties
- Handling Date and Time Formats
- What is an Object? Explanation of Object Methods and Properties
- How to Implement Map Functionality?
- Event Handling and DOM Manipulation
- Basic String Methods and Numeric Methods
- How to Implement Error Handling in a Project?

### PART 4: How to Interact with User

- What is a Function? How to Create a Function?
- Difference Between Arguments and Parameters
- Types of Functions with Examples
- Understanding alert, prompt, dialogue box
- Build Forms with Submit Functionality
- Validation of User Input
- Browser Storage (Local Storage / SessionStorage)
- Real World Applications of JavaScript