Agenda: 31 July 2025 – HTML, CSS, JS

9:00am-1:00pm

- Understanding the client-server model.
- HTTP requests and responses, and core web technologies (HTML, CSS, JS).
- Introduction to HTML syntax, elements, and attributes.
- Tags for headings, paragraphs, lists, images, and hyperlinks.
- Introduction to CSS concepts, selectors, and basic styling properties
- Mastering various selectors (id, class, element, pseudo-class) for targeted styling.
- Exploring a wider range of CSS properties for layout, fonts, borders, and more.

Labs
- Introduction to Programming Using HTML and CSS
- CSS Color Lab: Paint Store
- Programming in HTML5 with JavaScript and CSS3

2:00pm-5:00pm

- Introduction to JavaScript
- Adding dynamism to web pages with client-side JavaScript.
- JavaScript Basics
- DOM Manipulation
- Event Handling

Labs
- Web Programmer
- Apprentice Programmer
- Introduction to Programming Using JavaScript
- JavaScript Functions Lab: Rock Paper Scissors
- JavaScript Functions Lab: Sleep Debt Calculator
- JavaScript Iterator Lab: Grammar Checker
- JavaScript Loops Lab: Whale Talk
- JavaScript Scope Lab: Training Days