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Title of Experiment : Enhance your personal website that you made in Experiment 01-04 using JavaScript features like Functions, Validations, Arrays, String, Date.

Theory:

Functions:

- Usage: Functions in JavaScript are used to group and encapsulate a block of code that can be executed when called. In your website, functions can be utilized for various purposes such as handling user interactions, performing calculations, or manipulating the Document Object Model (DOM).
- I have used functions to create interactive elements like a comment submission function, which is triggered when a user submits a comment. This function can handle the process of adding the comment to your page dynamically.

Validations:

- Usage: Validation in JavaScript ensures that user inputs or actions meet specific criteria or constraints before processing. It's crucial for improving user experience and data integrity.
- Used them to implement input validation for your comment form to make sure that users provide their name and comment text before submission. This helps prevent empty or incomplete submissions.

Arrays:

- Usage: Arrays are used to store and manage collections of data in a structured manner. They are particularly useful when you have multiple items of the same type.



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- I have used arrays to store and manage comments that users submit. Each comment can be represented as an object within an array, making it easier to display and manage comments on your webpage.

String:

- Usage: JavaScript strings are used to manipulate and work with text data. You can perform various operations like concatenation, searching, or replacing text within strings.
- I have used string manipulation to format and display comments elegantly. For instance, to add user names to their comments and ensure that comment text is properly formatted for readability.

Date:

- Usage: Date objects in JavaScript are used for working with date and time information. They enable you to display timestamps, format dates, or calculate time differences.
- I have used the Date object to include timestamps for when comments are submitted. This adds a temporal aspect to your comments section, allowing users to see when each comment was posted.

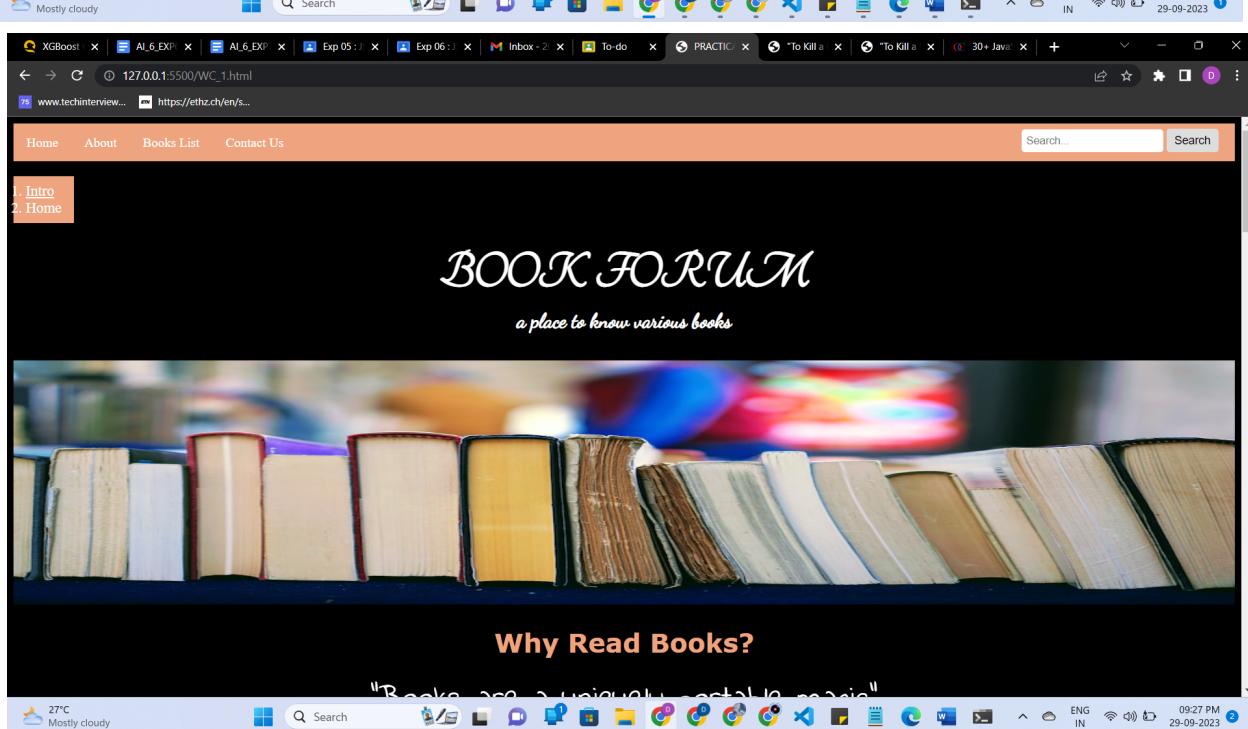
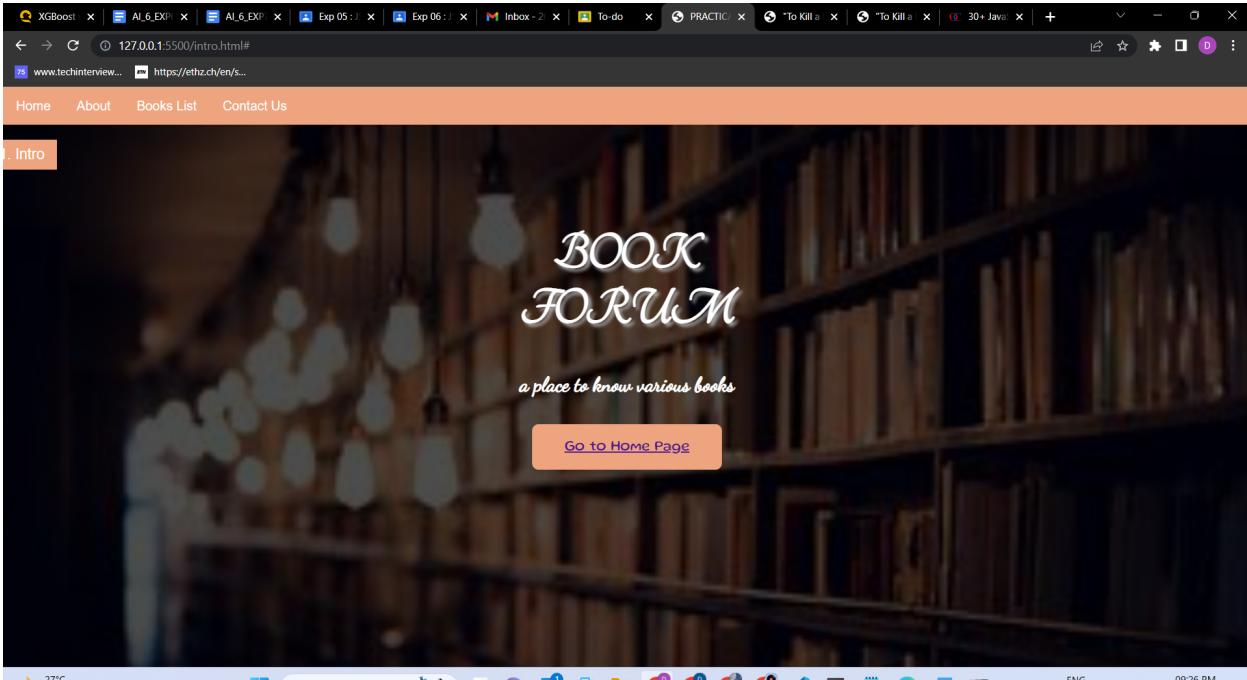


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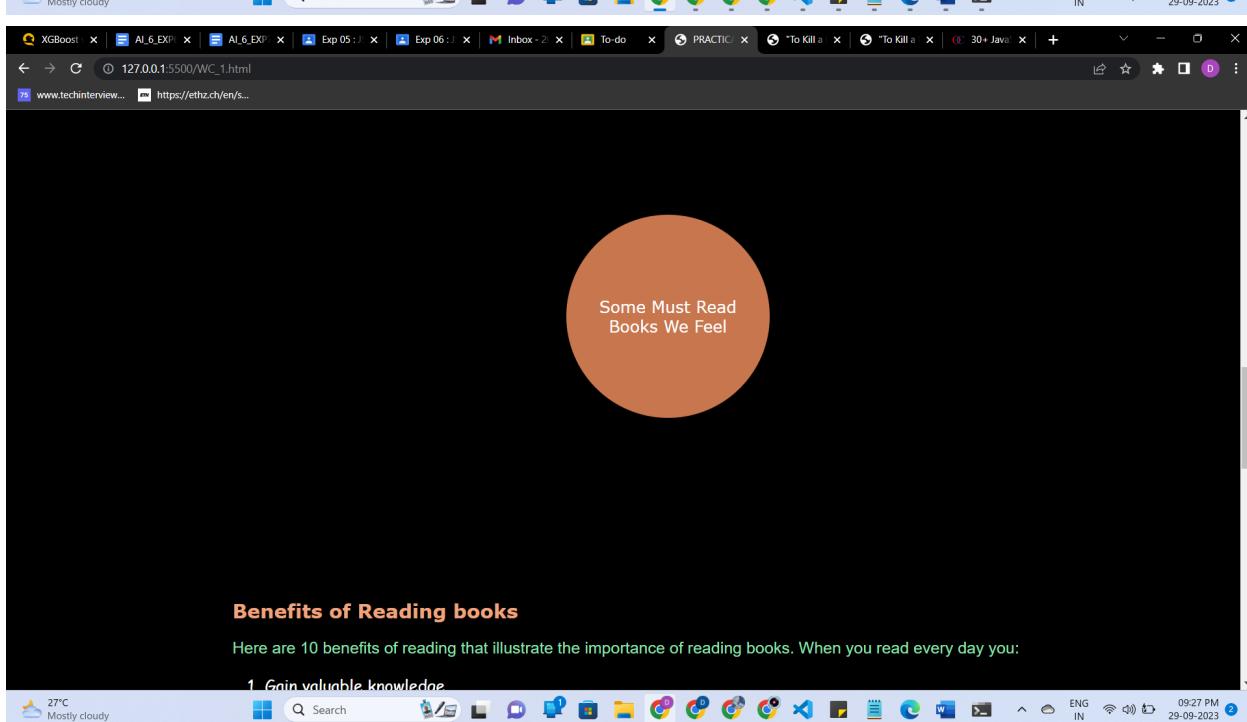
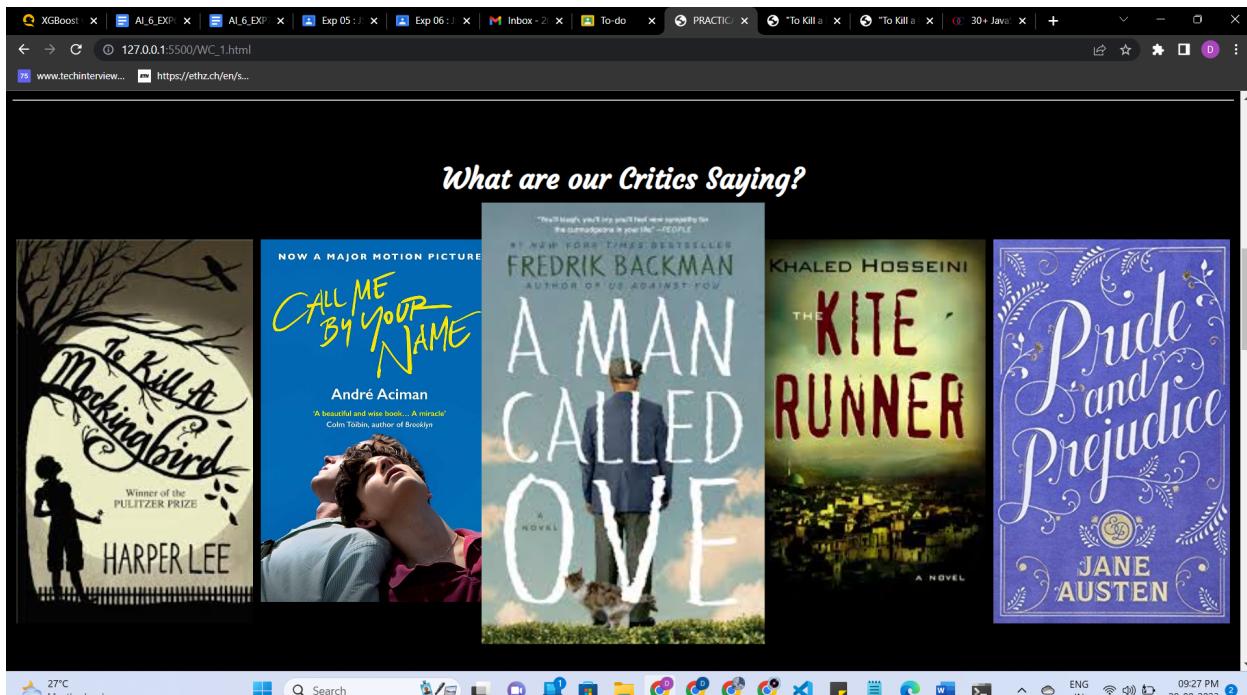


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Benefits of Reading books

Here are 10 benefits of reading that illustrate the importance of reading books. When you read every day you:

WORK OF IMAGINATION, DIALOGUE CONTENTS ARE NOT EXPECTED TO BE ACCURATE. IN ADDITION TO THIS, MODERN NONFICTION IS PROSE — WRITING THAT SOUNDS LIKE EVERYDAY SPEECH AND IS NOT WRITTEN IN METER, LIKE POETRY.

- Autobiography and Biography
- Cookbooks
- Self-Help
- Memoirs

Contact Us

Write us anything

Your Name

Your Email

Subject

Your Message

Send Now



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Screenshot of a web browser showing a book summary page for "To Kill a Mockingbird".

The page includes:

- Summary:** A brief overview of the novel's setting and plot.
- Historical Context:** Information about the themes of racial inequality and social injustice.
- Literary Analysis:** A critique of the book's themes of morality, empathy, and loss of innocence.
- Quotes:** A quote by Atticus Finch: "The one thing that doesn't abide by majority rule is a person's conscience."
- Discussion:** A section for users to add comments.
- Book Comments (3):** A section displaying comments from users, including one from Melissa Cooper.

The browser interface shows multiple tabs open, including XGBoost, AI_6_EXP, AI_6_EXP, Exp 05, Exp 06, Inbox - 2, To-do, PRACTIC, "To Kill a", "To Kill a", and 30+ Java. The system tray indicates it's 09:28 PM on 29-09-2023, the weather is 27°C Mostly cloudy, and the language is ENG IN.



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The screenshot shows a web browser window with multiple tabs open at the top. The main content area displays a section titled "Book Comments (3)". It contains three comments from users named Melissa Cooper, Georgie Cooper, and Mary Cooper, each with a short quote and the date it was posted. Below this, there is a link to join the discussion and a button to "Buy the Book Now!". The browser interface includes a search bar and various system icons at the bottom.

Book Comments (3)

Melissa Cooper
A timeless classic that everyone should read. The themes are still relevant today.
Posted on August 15, 2023

Georgie Cooper
I read this in high school, and it's one of the best books I've ever read. Atticus Finch is a hero.
Posted on July 25, 2023

Mary Cooper
Harper Lee's writing style is beautiful. The characters feel so real.
Posted on June 5, 2023

Join the discussion about the book's themes and share your insights with fellow readers. ----> [Here](#)

[Buy the Book Now!](#)

Results and Discussions :

To make the website dynamically I have implemented external javascript files in the html document enhancing the user experience.