# SRI RAAJA RAAJAN COLLEGE OF ENGINEERING & TECHNOLOGY

## KARAIKUDI

# LIBRARY FORM

(USING VISUAL STUDIO  CODE)

TEAM   MEMBERS

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# 1.Introduction to the Library Form

- **Title**:

- Creating a Library Form in Visual Studio Code

- **Key Points**:

  **Overview**: In this tutorial, we'll create a simple library form using HTML,CSS,andJavaScript.

  - **Purpose**: A library form can collect user information such as book details, borrower information, and transaction data.

  - **Tools Used**: Visual Studio Code (IDE), Web Technologies (HTML, CSS, JavaScript)

# 2.Setting Up the Project in Visual Studio Code

- **Title**:

    Setting Up Your Project

- **Key Points**:

    **Create a New Folder**:

    Start by creating a folder for your project (e.g., LibraryForm).

    **Inside the Folder**: Create three files:

    - index.html (for HTML form structure)
    - style.css (for styling the form)
    - script.js (for handling form submission and logic)

    **Open the Folder in Visual Studio Code**:

    Use VS Code to open your project folder.

# 3.Writing the HTML Form

•**Title**:
    Creating the Library Form (HTML)

•**Key Points**:
    **Basic Form Elements**: Add form fields like input boxes, radio buttons, and a submit button.
    **Form Layout**: Use <form>, <input>, <select>, and <button> elements to create the form.

•**Example**: Create a form for book details (title, author, ISBN) and borrower information (name, membership number).

# 4.Styling the Form with CSS

•**Title**: Adding Styles (CSS)

•**Key Points**:
   **Basic Styling**:
      Style the form using basic CSS properties like padding, margins, background colors, and borders.
      **Responsive Design**:
         Use flexbox or grid for layout to make the form responsive on different screen sizes.

•**Form Aesthetics**: Improve readability with font sizes, input field borders, and button hover effects.

# 5.Adding JavaScript Functionality

•**Title**:
   Enhancing the Form with JavaScript

•**Key Points**:
   **Form Validation**: Add JavaScript to validate the form before submission (e.g., check if all fields are filled).
   **Handling Form Submission**: Prevent the default form submission and process the data (e.g., log the data or store it in a database).
   **Interactive Features**: Provide feedback to users, like success messages after submitting the form.

## CONCLUSION

We've created a library form using HTML for structure, CSS for styling, and JavaScript for functionality.

THANK YOU