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Sem:- 1

Project:- Book Management system

CSS

```
<head>
    <style>
        body {
            font-family: Arial;
            background: #f4f4f4;
            padding: 20px;
        }
        h2 {
            text-align: center;
        }
        input {
            padding: 8px;
            margin: 5px;
        }
        button {
            padding: 8px 15px;
            background: green;
            color: white;
            border: none;
            cursor: pointer;
        }
        table {
            width: 100%;
            background: white;
            border-collapse: collapse;
        }
        th, td {
            border: 1px solid #ccc;
            padding: 10px;
            text-align: center;
        }
        .delete {
            background: red;
        }
    </style>
```

Html:-

```
<body>

<h2> Book Management System</h2>

<input type="text" id="bookId" placeholder="Book ID">
<input type="text" id="bookName" placeholder="Book Name">
<input type="text" id="author" placeholder="Author">
<input type="number" id="price" placeholder="Price">
<button onclick="addBook()">Add Book</button>

<br><br>

<table>
  <tr>
    <th>ID</th>
    <th>Name</th>
    <th>Author</th>
    <th>Price</th>
    <th>Action</th>
  </tr>
  <tbody id="bookList"></tbody>
</table>
```

Javascript:-

```

<script>
let books = [];

function addBook() {
    let id = bookId.value;
    let name = bookName.value;
    let authorName = author.value;
    let bookPrice = price.value;

    if(id === "" || name === "" || authorName === "" || bookPrice === ""){
        alert("All fields required");
        return;
    }

    books.push({id, name, authorName, bookPrice});
    displayBooks();
    clearForm();
}

function displayBooks() {
    let list = "";
    books.forEach((book, index) => {
        list += `
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ${book.id} | ${book.name} | ${book.authorName} | ${book.bookPrice} | <button class="delete" onclick="deleteBook(${index})>Delete</button> |

`;
    });
    bookList.innerHTML = list;
}

function deleteBook(index) {
    books.splice(index, 1);
    displayBooks();
}

function clearForm() {
    bookId.value = "";
    bookName.value = "";
    author.value = "";
    price.value = "";
}
</script>

</body>
</html>

```

Output:-

## Book Management System

Book ID	Book Name	Author
Price	Add Book	

ID	Name	Author	Price	Action
B101	C Programming Basics	Dennis Ritchie	350	<button>Delete</button>
B102	Data Structures in C	Mark Allen Weiss	450	<button>Delete</button>
B103	Operating System Concepts	Abraham Silberschatz	550	<button>Delete</button>