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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 += `
      <tr>
        <td>${book.id}</td>
        <td>${book.name}</td>
        <td>${book.authorName}</td>
        <td>${book.bookPrice}</td>
        <td>
          <button class="delete" onclick="deleteBook(${index})">Delete</button>
        </td>
      </tr>
      `;
    });
    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	Delete
B102	Data Structures in C	Mark Allen Weiss	450	Delete
B103	Operating System Concepts	Abraham Silberschatz	550	Delete