Week 2 MINIPROJECT

HTML,JS

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Library </title>

</head>

<body bgcolor="lightgreen">

    <h1>

        <center><u><i>Library Management System</i></u>

    </h1>

    </center>

    <label for="bookTitle">Book Title:</label>

    <input type="text" id="bookTitle">

    <label for="authorName">Author:</label>

    <input type="text" id="authorName">

    <label for="yearOfPublication">Year of Publication:</label>

    <input type="number" id="yearOfPublication">

    <button onclick="addBook()">Add Book</button>

    <ul id="bookList">

        <!-- Book items will be added here -->

    </ul>

    <script>

        function addBook() {

            const bookTitle = document.getElementById("bookTitle").value;

            const authorName = document.getElementById("authorName").value;

            const yearOfPublication = parseInt(document.getElementById("yearOfPublication").value);

            const currentYear = new Date().getFullYear();

            const ageOfBook = currentYear - yearOfPublication;

            const bookList = document.getElementById("bookList");

            const bookItem = document.createElement("li");

            bookItem.innerHTML = `${bookTitle} Written by ${authorName} (Published in ${yearOfPublication}, ${ageOfBook} years old) <button onclick="removeBook(this)">Remove</button>`;

            bookList.appendChild(bookItem);

            document.getElementById("bookTitle").value = "";

            document.getElementById("authorName").value = "";

            document.getElementById("yearOfPublication").value = "";

        }

        function removeBook(button) {

            const bookItem = button.parentNode;

            bookItem.parentNode.removeChild(bookItem);

        }</script>

</body>

</html>

OUTPUT:

