WEEK 2 MINI PROJECT [LIBRARY MANAGEMENT SYSTEM]

CODE

# HTML:

<!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="skyblue">

<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 src="script.js"></script>

</body>

</html>

# 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); }

# OUTPUT: