Javascript3.html:

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Push and Pop</title>

    <script src="C:\Users\Dharani\Desktop\Html Handsons\javascript3.js "> </script>

</head>

<body>

    <h2> Events</h2>

        Enter Event Name <input type="text" id="input" ><br/><br/>

        <div class="buttons">

            <button id="push" class="btn" title="Add new event">push</button>

            <button id="pop" class="btn" title="Display event" >pop</button>

            <button id="display" class="btn" title="Display event" >display</button>

        </div>

        <div id="successMessage"></div>

        <div id="result">

            <h3 id="h3"></h3>

            <ul id="eventList"></ol>

        </div>

    </div>

</body>

</html>

Javascript3.js:

window.onload = function(){

    const eventDetails = [];

    document.getElementById("push").addEventListener("click",Push);

    document.getElementById("pop").addEventListener("click",Pop);

    document.getElementById('display').addEventListener("click", displayElement);

    let add = document.getElementById("input");

    let successmessage = document.getElementById("successMessage");

    let result = document.getElementById("result");

    let eventList = document.getElementById("eventList");

    function Push() {

        let name = add.value;

        let isAdded=true;

        eventList.innerHTML = "";

        if (name === "") {

            successmessage.innerText = "Please Enter a valid event name";

        } else {

            if(eventDetails.includes(name)){

                    successmessage.innerText='Event name already exists.Try with some other name';

                    isAdded=false;

                }

                else{

                    eventDetails.push(name);

                    add.value = "";

                    successmessage.innerText='Added successfully';

                }

                console.log(isAdded);

        }

    }

    function Pop(){

        eventDetails.pop();

        successmessage.innerText='Removed successfully';

    }

    function displayElement() {

        successmessage.innerText = "";

        if(eventDetails.length === 0 ){

            successmessage.innerText = "There is no valid List to display";

        }

        else{

            document.getElementById("h3").textContent="The Events in the Array";

            let str = "";

            for (let event of eventDetails) {

                str += "<li>" + event + "</li>";

             }

             eventList.innerHTML = str;

        }

    }

}