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;

        }

    }

}