window.onload = function(){

    const eventDetails = [];

    document.getElementById("addEvent").addEventListener("click", addEvent);

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

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

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

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

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

    function addEvent() {

        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='Event name added successfully!';

                }

                console.log(isAdded);

        }

    }

    function displayElement() {

        successmessage.innerText = "";

        if(eventDetails.length === 0 ){

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

        }

        else{

            document.getElementById("h3").textContent="The Event Name after sorting is";

            let str = "";

            let sortedeventDetails = eventDetails.sort();

            //eventDetails.sort;

            for (let event of sortedeventDetails) {

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

             }

             eventList.innerHTML = str;

        }

    }

}