

INSTRUCTIONS:

Goal of the Project:

In Class 80, we implemented Arrays as well as Array methods. We also learned a smarter way to get the values from the user, store them in an array, and sort them.

In this project, we will focus more on different ways to handle the arrays.

Story:

Eden is excited about his sister's birthday party. Being good at programming he decided to create a project to make a guest list for the event. This project will help to add guest names, display the list of guest names, sort the guest list, and also find the name if already entered in the list.

*Click [here](#) to see the output video.

Guest List	
<input type="text" value="Enter name"/>	<input type="button" value="Submit"/>
<hr/>	
Guest List	
<input type="button" value="Show"/>	
<hr/>	
<input type="text" value="Search name"/>	<input type="button" value="Search"/>

Guest List

Jassica,Divyana,Viyona,Swati,Raj,Dave,Sachin

Guest List

Jassica
Divyana
Viyona
Swati
Raj
Dave
Sachin

Dave
Divyana
Jassica
Raj
Sachin
Swati
Viyona

name found 0 time/s

***This is just for your reference. We expect you to apply your own creativity to the project.**

Getting Started:

1. Open the **Visual Studio Code**
2. Create a folder as **Project 80**
3. Create **Index.html**, **Style.css**, and **Main.js** files.
4. Start working on the HTML file.

Specific Tasks to complete the Project:

1. You can start making your own List.

2. In this project, we are **creating, displaying, and sorting** a guest list. Also, we can **search** for a name on the list.
3. You can add more functionality such as bootstrap and the style properties to make it look more attractive and functional.
4. This project is to create a Guestlist, sort the list, display the list on the webpage, and search no. of times name is appearing in the list.

Submitting the Project:

1. **SAVE** all the changes made to the project.
2. Click on "**Go-Live**" once to check if it is working.
3. Upload the project on Github. To host your code as a website, follow the instructions given in [this document](#).
4. Once you have hosted the website, copy the link of **GitHub** and submit it in the Student Dashboard Projects panel against the correct class number.

Hints:

The following methods can be used to complete this project:

1. To add a name to the guest list use **push()**:

```
var GuestName = document.getElementById("name1").value;  
names_of_people.push(GuestName);
```

2. To sort a guest list use **sort()**:

```
names_of_people.sort();
```

3. A function to **search** a name on the guest list:

```
function searching()  
{  
    var s= document.getElementById("s1").value;  
    var found=0;  
    var j;  
    for(j=0; j<names_of_people.length; j++)  
    {  
        if(s==names_of_people[j]){  
            found=found+1;  
        }  
    }  
    document.getElementById("p2").innerHTML="name found "+found+" time/s";  
    console.log("found name "+found+" time/s");  
}
```

REMEMBER... Try your best, that's more important than being correct.

After submitting your project your teacher will send you feedback on your work.

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