

SF Subjectiv... / SF Subjective Assessment

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PROBLEM	LANGUAGE	SUBMISSION TIME	STATUS	TESTCASE PASS %	
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PROBLEM	LANGUAGE	SUBMISSION TIME	STATUS	TESTCASE PASS %	
Simple Billing App	HTML	04-04-2022 13:05:33	Accepted	100.0 %	<a href="#">Check Answer</a>

**Problem****Simple Billing App**

"Estelle Organizers" has been emerging as one of the developing Indian Firm for organizing the events with spectacular outcomes. Being a startup firm Kowshik, the technical accountant would manually calculate the bills for the events and would include the entries in the registry.

The chief-executive of the organization wants to maintain the digital database and wanted a blog to calculate the bills and get them updated in the database. Hence, write a javascript function to get the details of the events and calculate the bill based on the number of days taken for each and every event organization.



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**Constraints :**

- The file name should be index.html.
- Onclick attribute for the button with id 'addEvent' should be 'addEvent()'.
- Have the textfields with id as mentioned in the screenshots.
- Calculate the event total cost based on the number of days the hall is needed.
- When Add Event is clicked, create an event object and assign the values to it and push it in an array.
- Whenever the Add Event is clicked, the new object is added to the eventArray and display it in table.
- The id of the cancel link in the table should be "link0", "link1", etc., i.e 0,1.. mentions the index of the array.
- If all the inserted row is deleted, display the message as 'No Events available'.
- Kindly follow the naming convention mentioned in the screenshot.

Function name	Description
addEvent()	This method is used to add the array objects into an array
display()	This method is used to display the array elements in the form of table ,and compute the total cost of a particular event (Cost/day*No of days)
deleteElement(this.id)	This method is used to delete the corresponding row in the table on clicking the cancel link.

**Note :**

Content of the page should be present as shown in the screenshot.  
Kindly refer the content which is given as a part of description.

**Sample Screenshot 1 :**

×

## Event Management h2 tag

Event Name  id = name

Venue  id = venue

Date  id = date

Cost/day  id = price

No of days Needed  id = count

Add Event id = addEvent  
onClick = addEvent( )

Close

Are you sure? 

×

Cancel Ok

Sample Screenshot 2 :

## Event Management

Event Name

Venue

Date

Cost/day

No of days Needed

Add Event

Sample Screenshot 3 :

After insertion of event details , the table will be look like  
For table headings, use tr and th tag. For table body, use tr and td tag.

**Event Management**

Event Name

Venue

Date

Cost/day

No of days Needed

Event Name	Venue	Date	Total Cost	Cancel Event
Wedding	HRM Mahal	2018-07-22	150000	<a href="#">Cancel</a>

**Sample Screenshot 4 :**

After Inserting of three rows

Cancel link id must be named as "link"+ the index of the particular row (for example link0,link1,link2,link3..linkn)

**Event Management**

Event Name

Venue

Date

Cost/day

No of days Needed

Event Name	Venue	Date	Total Cost	Cancel Event
Wedding	HRM Mahal	2018-07-22	150000	<a href="#">Cancel</a>
Team Building Event	ALM Hall	2018-02-23	100000	<a href="#">Cancel</a>
Birthday Party	Lovely Hotel	2018-03-10	20000	<a href="#">Cancel</a>

div id = result

table id=resultTable

id =link0

**Sample Screenshot 5 :**

After deleting the Team Building Event,

### Event Management

Event Name

Venue

Date

Cost/day

No of days Needed

Event Name	Venue	Date	Total Cost	Cancel Event
Wedding	HRM Mahal	2018-07-22	150000	<a href="#">Cancel</a>
Birthday Party	Lovely Hotel	2018-03-10	20000	<a href="#">Cancel</a>

Sample Screenshot 6 :

### Event Management

Event Name

Venue

Date

Cost/day

No of days Needed

Event Name	Venue	Date	Total Cost	Cancel Event
Wedding	HRM Mahal	2018-07-22	150000	<a href="#">Cancel</a>
Birthday Party	Lovely Hotel	2018-03-10	20000	<a href="#">Cancel</a>

th tag

tbody tag

tr tag

Sample Screenshot 7 :

After deleting all the three rows,

**Event Management**

Event Name

Venue

Date

Cost/day

No of days Needed

**No Events available**

div id='result'

- [script.js](#)
- [index.html](#)

```
// var events = Array();
// var i = 0;
function getValue(id){
    return document.getElementById(id).value;
}
// function addEvent(){
//     var event = Array();
//     event[0] = getValue("name");
//     event[1] = getValue("venue");
//     event[2] = getValue("date");
//     event[3] = parseInt(getValue("price"))*parseInt(getValue("count"));

//     events[i] = event;
//     i++;
//     display();
// }
// function display(){
//     var div = document.getElementById("result");
//     while(div.firstChild){
//         div.removeChild(div.firstChild);
//     }
//     var table = document.createElement("table");
//     table.setAttribute("id", "resultTable");
//     var tbody = document.createElement("tbody");

//     var head = document.createElement("tr");
//     var h1 = document.createElement("th");
//     h1.appendChild(document.createTextNode("Event Name"));
//     var h2 = document.createElement("th");
//     h2.appendChild(document.createTextNode("Venue"));
//     var h3 = document.createElement("th");
//     h3.appendChild(document.createTextNode("Date"));
//     var h4 = document.createElement("th");
//     h4.appendChild(document.createTextNode("Total Cost"));
//     var h5 = document.createElement("th");
//     h5.appendChild(document.createTextNode("Cancel Event"));

//     head.appendChild(h1);
//     head.appendChild(h2);
//     head.appendChild(h3);
//     head.appendChild(h4);
//     head.appendChild(h5);
//     tbody.appendChild(head);

//     for(var a=0;a<events.length;a++){
//         var row = document.createElement("tr");
//         for(var b=0;b<5;b++){
//             if(b==4){
//                 var id = "link"+a;
//                 var cell = document.createElement("td");
//                 var a = document.createElement("a");
//                 var cellText = document.createTextNode("cancel");
//                 a.appendChild(cellText);
//                 a.setAttribute("id", id);
//                 a.setAttribute("href", "#");
//                 a.setAttribute("onclick", "javascript:deleteElement(id)");
//                 cell.appendChild(a);
//             }
//             else{
//                 var cell = document.createElement("td");
//                 var cellText = document.createTextNode(events[a][b]);
//                 cell.appendChild(cellText);
//             }
//         }
//     }
}
```

```

//      row.appendChild(cell);
//      }
//      tbody.appendChild(row);
//      }
//      table.appendChild(tbody);
//      div.appendChild(table);
//      table.setAttribute("border", "1");

// }
// function deleteElement(id){
//     var row = document.getElementById(id);
//     row.parentNode.parentNode.removeChild(row.parentNode);
//     var table = document.getElementById("resultTable");
//     var id = parseInt(id[4])
//     for(var c=0;c<table.rows.length;c++){

//         if(c==id){
//             console.log(c);
//             events.splice(c,1);
//             console.log(events);
//             break;
//         }
//     }
//     if(events.length==0){
//         var div = document.getElementById("result");
//         div.innerHTML = '<span style="font-weight: bold; font-size:24px;margin:auto;">No Events available</span>';

//     }
//     // display();
// }

var events = [];
function addEvent(){
    var event = {
        name : getValue("name"),
        venue : getValue("venue"),
        date: getValue("date"),
        price: parseInt(getValue("price")),
        count: parseInt(getValue("count"))
    };
    events.push(event);
    display();
}
function display(){
    var tStart = `<table id="resultTable">
        <tr>
            <td>Event Name</td>
            <td>Venue</td>
            <td>Date</td>
            <td>Total Cost</td>
            <td>Cancel Event</td>
        </tr>`,
    tEnd = `</table>`,
    tRows = ``;
    events.forEach((event, index) => {
        event.id = 'link'+index;
        tRows += `<tr>
            <td>${event.name}</td>
            <td>${event.venue}</td>
            <td>${event.date}</td>
            <td>${event.price * event.count}</td>
            <td><a href='#' id='${event.id}' onclick='deleteElement(this.id)'>Cancel</a></td>
        </tr>
        `;
    });
    var tbl = tStart + tRows+ tEnd;
    document.getElementById('result').innerHTML = tbl;
}
function deleteElement(id){
    if(events.length == 1){
        document.getElementById('result').innerHTML = 'No Events available';
        events = [];
    }
    else{
        events = events.filter(event => event.id != id);
        display();
    }
}

<!DOCTYPE html>
<html>
    <head>
        <!-- <style>
            #resultTable{
                padding: 20;
                margin-left:auto;
                margin-right:auto;
        Welcome, if you need help simply reply to this message, we are online and ready to help.
        #form,#display,div{
            text-align:center;
        }
        label{

```

Type your Doubt...

Raise Doubt

```
font-weight:bold;
}
th,td{
padding:15px;
}
Please wait, your request is being processed... Thank You.
/* form{display:table;}
p{display:table-row;}
label{display: table-cell;}
input{display:table-cell;} */

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

</head>
<body>

<div id="form">
<h2>Event Management</h2>
<label for="name" align="left">Event Name</label>
<input id="name" type="text" align="right"></input><br><br>
<label for="venue" align="left">Venue</label>
<input id="venue" type="text"></input><br><br>
<label for="date">Date</label>
<input id="date" type="date"></input><br><br>
<label for="price">Cost/day</label>
<input id="price" type="text"></input><br><br>
<label for="count">No of days Needed</label>
<input id="count" type="text"></input><br><br>
<input id="addEvent" onclick="addEvent()" type="button" value="Add Event"></input>
</div><br><br>

<div id="result">

</div>

</body>
</html>
```

- [Test Cases](#)

Expected Result Obtained Result Differences