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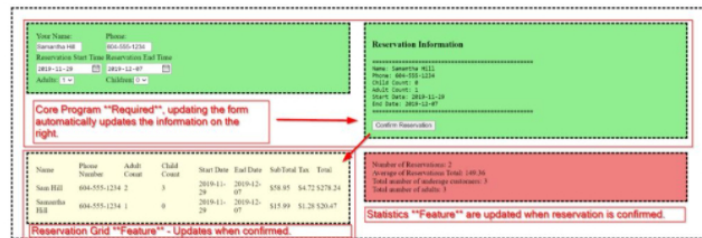
Question: Create a hotel reservation system using HTML, CSS, and Javascr...

Create a hotel reservation system using HTML, CSS, and Javascript, your solution must run in the Chrome browser on your lab computer. Your application must present a form to the user and update the "Reservation Information Window". When a user clicks the "Confirm Reservation" button the reservation will be added to the grid below. Your solution must run on Mozilla Firefox without any alternations to the software or configuration.

Application Requirements

You must use the page.js file to make any alterations to the page. Your calculations must be done in the reservationSupport.js. Submissions must adhere resemble the image below and be formatted correctly. A child has a fee of \$8.99 An adult has a fee of \$15.99 Tax is calculated at 8% Do not leave any additional information in console.log The information must be reflected immediately when updated by the user using javascript event handlers.

Hotel Reservation System



Create a hotel reservation system using HTML, CSS and Javascript, your solution must run in the Chrome browser on your lab computer. Your application must present a form to the user and update the "Reservation Information Window". When a user clicks the "Confirm Reservation" button the reservation will be added to the grid below. Your solution must run on Mozilla Firefox without any alternations to the software or configuration. Your submission must also adhere to the assignment submission guidelines.

By using html, Javascript and CSS

Need help for above question.

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Expert Answer



TEJA SAI answered this
39 answers

Was this answer helpful?

1

0

```

//index.html
<!DOCTYPE html>
<html>

<head>
<title>Hotel Reservation System</title>
<link rel="stylesheet" type="text/css" href="style.css">
<script type="text/javascript" src="page.js"></script>
<script type="text/javascript" src="reservationSupport.js"></script>

</head>

<body>
<div class="body">
<div class="upperbody">
<div class="form">
<form action="/action_page.php">
<div class="inside-form">
<label for="fname">Your Name:</label><br>
<label for="lname">Phone:</label><br>
</div>
<div class="inside-form">
<input type="text" id="name" oninput="myFunction()"><br>
<input type="number" id="phone" oninput="myFunction1()"><br>
</div>
<div class="inside-form">
<label for="lname">Start Date:</label><br>
<label for="lname">End Date:</label><br>
</div>
<div class="inside-form">
<input type="date" id="startdate" oninput="myFunction2()"><br>
<input type="date" id="enddate" oninput="myFunction3()"><br>
</div>
<div class="inside-form">
<label for="lname">Adults:</label><br>
<label for="lname">Child:</label><br>
</div>
<div class="inside-form">
<input type="number" id="adult" oninput="myFunction4()"><br>
    
```

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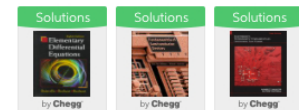
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```

        <input type="number" id="child" oninput="myFunction5()"><br>
    </div>
    </form>
</div>
<div class="display-form">
    <div class="details">
        <h2>Reservation Details</h2>
        <hr>
        <hr>
        Name:<span id="name1"></span><br>
        Phone: <span id="phone1"></span><br>
        Children Count: <span id="child1"></span><br>
        Adult Count: <span id="adult1"></span><br>
        Start Date: <span id="sdate1"></span><br>
        End Date: <span id="edate1"></span><br>
        <hr>
        <hr>
        <br>
    </div>
    <BUTTON id="confirm" onclick="confirm()">Confirm Reservation</BUTTON>

</div>
</div>

<div class="lowerbody">
    <div class="display-grid">
        <table id =table>
            <tr>
                <th>Name</th>
                <th>Phone<br>Number</th>
                <th>Adult <br>Count</th>
                <th>Child <br>Count</th>
                <th>startDate</th>
                <th>EndDate</th>
                <th>SubTotal</th>
                <th>Tax</th>
                <th>Total</th>
            </tr>
        </table>
    </div>
    <div class="statistics">
        No of Reservation: <span id="reserve"></span><br>
        Average of Reservations: <span id="avg"></span><br>
        Total Number of UnderAge Customers: <span id="tccount"></span><br>
        Total Number of Adults: <span id="taccount"></span><br>
    </div>
</div>
</div>
</body>

</html>

```

//style.css

```

.upperbody{
    padding-top: 2%;
    display: flex;
    flex-wrap: wrap;
    min-height: 50%;
    max-width: 100%;
    justify-content: space-between;
}

.lowerbody{
    margin-top: 3%;
    padding-bottom: 2%;
    display: flex;
    flex-wrap: wrap;
    min-height :50%;
    max-width :100%;
    justify-content: space-between;
}

.form,.display-form,.display-grid,.statistics{
    min-width: 45%;
    height: 100%;
    padding: 2%;
}

.form,.display-form{
    background-color: #90ee90;
}

.statistics{
    background-color: #FFB6C1;
}

.display-grid{
    /*background-color: #FFFF99;*/
}

#submit{
    margin-left: 18px;
}

.inside-formf

```

```
margin-top: 2px;
display: flex;
flex-wrap: wrap;
justify-content: space-around;
}
```

```
-----
//page.js
```

```
var array=[];
var TotalCount = 0;
var TotalAdultCount = 0;
var TotalChildCount = 0;
var TotalCost = 0;
```

```
function myFunction() {
  var x = document.getElementById("name").value;
  document.getElementById("name1").innerHTML = x;
}
```

```
function myFunction1() {
  var x = document.getElementById("phone").value;
  document.getElementById("phone1").innerHTML = x;
}
```

```
function myFunction2() {
  var x = document.getElementById("startdate").value;
  document.getElementById("sdate1").innerHTML = x;
}
```

```
function myFunction3() {
  var x = document.getElementById("enddate").value;
  document.getElementById("edate1").innerHTML = x;
}
```

```
function myFunction4() {
  var x = document.getElementById("adult").value;
  document.getElementById("adult1").innerHTML = x;
}
```

```
function myFunction5() {
  var x = document.getElementById("child").value;
  document.getElementById("child1").innerHTML = x;
}
```

```
function confirm(){
  var name = document.getElementById("name").value;
  var phone = document.getElementById("phone").value;
  var startdate = document.getElementById("startdate").value;
  var enddate = document.getElementById("enddate").value;
  var adult = document.getElementById("adult").value;
  var child = document.getElementById("child").value;

  TotalCount += 1;
  TotalChildCount += parseInt(child,10);
  TotalAdultCount += parseInt(adult,10);
  document.getElementById("reserve").innerHTML = TotalCount;
  document.getElementById("tccount").innerHTML = TotalChildCount;
  document.getElementById("taccount").innerHTML = TotalAdultCount;
```

```
var a = {
  'name':name,
  'phone': phone,
  'startdate': startdate,
  'enddate': enddate,
  'adult': parseInt(adult,10),
  'child': parseInt(child,10),
}
```

```
var avg = getavg(TotalCount,array);
var subtotal = getsubTotal(a);
var tax = getTax(a);
var total = parseFloat(subtotal,10) * parseFloat(tax,10);
var total = total.toFixed(2);
```

```
var b ={
  'name':name,
  'phone': phone,
  'startdate': startdate,
  'enddate': enddate,
  'adult': parseInt(adult,10),
  'child': parseInt(child,10),
  'subtotal': subtotal,
  'tax': tax,
  'total': total,
}
```

```
array.push(b);
var avg = getavg(TotalCount,array);
var avg = avg.toFixed(2);
document.getElementById("avg").innerHTML = avg;
```

```
var html = "<tr><th>Name</th><th>Phone<br>Number</th><th>Adult <br>Count</th><th>Child <br>Count</th><th>startDate</th><th>EndDate</th><th>SubTotal</th><th>Tax<th>Total</th>";
for (var i = 0; i < array.length; i++) {
  html+="<tr>";
  html+="<td>"+array[i].name+"</td>";
  html+="<td>"+array[i].phone+"</td>";
```

```

        html+= "<td>" + array[i].price + "</td>";
        html+= "<td>" + array[i].adult + "</td>";
        html+= "<td>" + array[i].child + "</td>";
        html+= "<td>" + array[i].startdate + "</td>";
        html+= "<td>" + array[i].enddate + "</td>";
        html+= "<td>" + array[i].subtotal + "</td>";
        html+= "<td>" + array[i].tax + "</td>";
        html+= "<td>" + array[i].total + "</td>";
        html+= "</tr>";
    }
    document.getElementById("table").innerHTML = html;
}

```

```

//reservationSupport.js

function getavg(c,array){
    var Total=0
    // console.log(array,c);
    for (var i = 0; i < array.length; i++) {
        Total += parseFloat(array[i].total);
        // console.log(Total);
    }
    Total =Total/c;
    return Total;
}

function getsubTotal(a){
    x = a.adult*15.99 + a.child*8.99;
    n = x.toFixed(2);
    return n;
}

function getTax(a){
    x = getsubTotal(a);
    x = 0.08 * x;
    n = x.toFixed(2);
    return n;
}

```

keep the files in same folder and same names

- 1)index.html
- 2)style.css
- 3)page.js
- 4)reservationSupport.js

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Up next for you in Computer Science

Construct a new website for you Car Rental using the following technologies: HTML, CSS, JavaScript and Adobe Animate(Flash). Your website must include the following: • A Flash of moving image must be

[See answer](#)

Briefly answer the following questions: Know why ERP is used and what came before Know the four main business functions What the functions do What are the inputs? What are the outputs? Why they are important How they

[See answer](#)

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Q: Construct a new website for you Car Rental using the following technologies: HTML, CSS, JavaScript and Adobe Animate(Flash). Your website must include the following: • A Flash of moving image must be included on the home page • A navigation bar or buttons for internal linking • A main title header that appears repeatedly throughout the website • Minimum 5 external links within the...

A: [See answer](#)

Q: //i have completed till task 3 number 4. reservations.html Pacific Trails Resort-Reservations Pacific Trails Resort Home Yurts Activities Reservations Reservations at Pacific Trails Contact Us //4 done Pacific Trails Resort 12100 Pacific Trails Road Zypher, CA 95555 888-555-5555 888-555-5555

A: [See answer](#)

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