

Delicious Buffet Restaurant

Delicious Buffet Restaurant is one of the leading buffet dining chains in Tamil Nadu. It pioneered the concept of “Unlimited Food for the Customer” . Both vegetarian and non-vegetarian items were good in this restaurant. The Price chart is fixed for the Adults and Kids(5-9 yrs) under vegetarian and non-vegetarian categories along with GST(12%).

Formula for GST calculation:

Add GST: GST Amount = (Original Cost x 12%)/100.

Net Price = Original Cost + GST Amount.

Price Details

Vegetarian	Vegetarian	Non-Vegetarian	Non-Vegetarian
Adult	Kids(5-9 yrs)	Adult	Kids(5-9 yrs)
Rs.599	Rs.249	Rs.699	Rs.349

If the count of the family members is greater than or equal to 10, then the restaurant provides 10% discount over the net price. Each time calculation is difficult as customers were huge. So, help them to develop a web page for amount calculation along with taxes which will be useful for them in time consumption. On submitting the details, the message have to be displayed on the same page as shown in the screen shots below.

The screenshot shows a web form for the Delicious Buffet Restaurant. The form is titled "Delicious Buffet Restaurant" in a red banner. It contains several input fields and buttons. Arrows point from the form elements to their corresponding HTML IDs:

- Customer Name: `id=customerName`
- Contact No: `id=contactNo`
- Date: `id=bookingDate`
- Timings: `id=session1, id=session2, id=session3`
- Vegetarian Adult: `id=vegAdult`
- Vegetarian Kids(5-9 yrs): `id=vegKids`
- Non-Vegetarian Adult: `id=nonVegAdult`
- Non-Vegetarian Kids(5-9 yrs): `id=nonVegKid`
- Occasion: `id=occasion`
- Parking: `id=parking`
- Submit button: `id=submit`
- Clear button: `id=reset`

Screenshot for Family members count below 10,

Delicious Buffet Restaurant

Customer Name	<input type="text" value="Daffnie"/>
Contact No	<input type="text" value="9878879842"/>
Date	<input type="text" value="07/15/2020"/>
Timings	<input type="radio"/> 1-4pm <input checked="" type="radio"/> 4-7pm <input type="radio"/> 7-10pm
Vegetarian	Adult <input type="text" value="2"/>
	Kids(5-9 yrs) <input type="text" value="2"/>
Non-Vegetarian	Adult <input type="text" value="2"/>
	Kids(5-9 yrs) <input type="text" value="3"/>
Occasion	<input type="text" value="Family reunion"/>
Parking	<input checked="" type="checkbox"/> Parking Required
<input type="button" value="Submit"/> <input type="button" value="Clear"/>	

Hai Daffnie, You have to pay Rs.4637.92. Thanks for coming!!! → **id=result**

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Screenshot for Family members count above 10,

Delicious Buffet Restaurant

Customer Name	<input type="text" value="Daffnie"/>
Contact No	<input type="text" value="9878879842"/>
Date	<input type="text" value="07/15/2020"/>
Timings	<input type="radio"/> 1-4pm <input checked="" type="radio"/> 4-7pm <input type="radio"/> 7-10pm
Vegetarian	Adult <input type="text" value="5"/>
	Kids(5-9 yrs) <input type="text" value="2"/>
Non-Vegetarian	Adult <input type="text" value="2"/>
	Kids(5-9 yrs) <input type="text" value="3"/>
Occasion	<input type="text" value="Birthday celebration"/>
Parking	<input type="checkbox"/> Parking Required
<input type="button" value="Submit"/> <input type="button" value="Clear"/>	

Hai Daffnie, You have to pay Rs.5985.50. Thanks for coming!!!

Use the Label Name and the Component Id as given. The Component Id can be given in any case (Upper case or Lower case or Mixed case). All the necessary attributes for the Components should be given.

The Component Id should be specified for each HTML Component. If the Component Id is not provided for a HTML component, marks will not be provided for this component.

All Tags, Elements and Attributes should conform to HTML5 Standards. All the fields except website link are mandatory.

Provide the details as given in the table below.

Req. #	Req. Name	Req. Description		
1	Design a HTML page for “Delicious Buffet Restaurant” application	Label Name	Component Id (Specify it for the “id” attribute)	Description
		Customer Name	customerName	To enter the name of the customer. Design Constraints: <ul style="list-style-type: none"> Use type=“text” The text “<i>Enter your name</i>” should appear by default. It should be mandatory.
		Contact No	contactNo	To enter the contact number of the customer. Design Constraints: <ul style="list-style-type: none"> Use type=“tel” The text “<i>Enter your mobile number</i>” should appear by default. It should be mandatory.
		Date	bookingDate	To enter the booking date. Design Constraints: <ul style="list-style-type: none"> Use type=“date” It should be mandatory.
		Timings	session1	To choose the session1 among the timings.

				Design Constraints: <ul style="list-style-type: none"> • Use Radio button <p>It should have “1-4pm” as option and value.</p>
			Session2	<p>To choose the session2 among the timings.</p> Design Constraints: <ul style="list-style-type: none"> • Use Radio button <p>It should have “4-7pm” as option and value.</p>
			Session3	<p>To choose the session3 among the timings.</p> Design Constraints: <ul style="list-style-type: none"> • Use Radio button <p>It should have “7-10pm” as option and value.</p>
		Vegetarian	vegAdult	<p>To enter the count of vegAdult</p> Design Constraints: <ul style="list-style-type: none"> • Use type=“number” • Minimum count should be zero <p>It should be mandatory</p>
			vegKids	<p>To enter the count of vegKids</p> Design Constraints: <ul style="list-style-type: none"> • Use type=“number” • Minimum count should be zero <p>It should be mandatory</p>
		Non-Vegetarian	nonVegAdult	<p>To enter the count of nonVegAdult</p> Design Constraints: <ul style="list-style-type: none"> • Use type=“number” • Minimum count should be zero <p>It should be mandatory</p>
			nonVegKids	<p>To enter the count of nonVegKids</p> Design Constraints: <ul style="list-style-type: none"> • Use type=“number” • Minimum count should be

		<div> <div>zero</div> <div>It should be mandatory</div> </div>
	Occasion	<div>occasion</div> <div> To enter the required occasionList. Design Constraints <ul style="list-style-type: none"> An auto-complete feature should be available to the user for the following options. “Team dinner”, “Family reunion”, “Party”, “Birthday celebration”, “Team lunch” Id of the auto-complete feature should be “occasionList”. Use DataList to make use of the auto-complete feature </div> <div>It should be mandatory.</div>
	Parking	<div>parking</div> <div> To select the parking option, if required. Design Constraints <ul style="list-style-type: none"> Use Check Box with “Parking Required” as the option. </div>
	Submit	<div>submit</div> <div> Submit Button to submit the form Design Constraints <ul style="list-style-type: none"> The input type should be “submit”. </div>
	Clear	<div>reset</div> <div> Reset Button. On clicking this button, all fields should be reset. </div>
		<p>Note: The text highlighted in bold in the Description needs to be implemented in the code to complete the web page design.</p>
2	Apply the mentioned styles using CSS to the	<ol style="list-style-type: none"> Body color should be “#9370DB”. The heading “Delicious Buffet Restaurant” should be specified using <h1> tag, the text color should be “#FFFFFF”, font should be “Arial”, style should be “italic”, background color should be “#FF6347” and it

	components	<p>should be aligned to the center of the webpage.</p> <p>3. The result should be bold, font should be “Bahnschrift”, font size should be “24px” and color of the text should be “#800000”.</p> <p>4. Submit button and Reset button font should be displayed in “bold”, font should be “Bahnschrift”, background color should be “#FFDEAD”, width should be “13em” and height should be “35px”.</p> <p>Note: Fill in the style tag so that the given styles are applied to the components. (Do not use Inline CSS)</p>
3	Use JavaScript for displaying the billing details.	<p>Use JavaScript for displaying the appointment details:</p> <p>When the valid values are entered and clicks the “Submit” button, the bill amount should be displayed as follows:</p> <p>Result should be displayed as “Hai <i>customerName</i>, You have to pay Rs.<i>amount</i>. Thanks for coming!!!” in a div tag with id as “result”.</p> <p>Note:</p> <ul style="list-style-type: none"> ➤ Use amount.toFixed(2) to get 2 precision values ➤ Use the getElementById() function to retrieve the values.
4	form Tag with attribute onsubmit	<p>form Tag is already given in the code template. Do not change the code template and do the coding as per the requirements and specification. Make sure that the onsubmit attribute in the form tag is invoking the JavaScript function like “return billCalculation()”.</p> <p>Also ensure that “return false;” statement is the last line of the JavaScript function “billCalculation()”.</p>