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1 <!-- JavaScript - Client Side Validation: Design a case study for a Bakery that creates and
2 validates a HTML form at the client side using Javascript. Bakery Menu & Price calculation
3 of items bought should be the result. Perform the necessary Client Side validation using
4 JavaScript. -->
5
6 <!DOCTYPE html>
7 <html>
8   <head>
9     <title>
10       Bakery
11     </title>
12   </head>
13   <body>
14     <h1>Bakery</h1>
15     <script lang="JavaScript">
16       const cost = new Map([["Bread",10],["Puff",20]]);
17       function popup(id)
18       {
19         document.getElementById(id).innerHTML=prompt("Enter quantity");
20         document.getElementById("autoTable").innerHTML=""; //resets table
21       }
22       function tableBuilder()
23       {
24         var table=document.getElementById("autoTable");
25         var header=table.insertRow(0).innerHTML="<th>Item name</th>\
26                                           <th>Quantity</th>\
27                                           <th>Price</th>\
28                                           <th>Total Price</th>";
29
30         var itemList=Array.from(cost.keys());
31         for(let i=1;i<=cost.size;i++)
32         { var row=table.insertRow(i);
33           var item=itemList[i-1];
34           row.insertCell(0).innerHTML=item;
35           var a=row.insertCell(1).innerHTML=document.getElementById(item).innerHTML;
36           var b=row.insertCell(2).innerHTML=cost.get(item);
37           row.insertCell(3).innerHTML=a*b;
38         }
39         var footer=table.insertRow();
40         footer.innerHTML="<td colspan='3'>Total bill</td>";
41         sum=0;
42         for(let i=1;i<table.rows.length-1;i++)
43         {
44           sum+=parseInt(table.rows[i].cells[3].innerHTML);
45         }
46         footer.insertCell(1).innerHTML=sum;
47       }
48     </script>
49     <h3>Click on image to enter the quantity</h3>
50     <button onclick="popup('Bread')"></button>
51     <p>
52       Current quantity ordered:<span id="Bread">0</span>
53     </p>
54     <button onclick="popup('Puff')"></button>
55     <p>
56       Current quantity ordered:<span id="Puff">0</span>
57     </p>
58     <p><button onclick="tableBuilder()">Generate bill</button></p>
59     <table id="autoTable" border="1" cellspacing="1" cellpadding="5">

```