

```

1  <!doctype html>
2  <html>
3  <head>
4      <meta charset = "utf-8">
5      <title>Joe's Hotdogs</title>
6      <link rel="stylesheet" type="text/css" href="style.css">
7  </head>
8  <h1>Joe's Hotdogs</h1>
9
10 <body>
11     <script language = "javascript" type = "text/javascript">
12         var prices = {Hotdogs: 3.25, Fries: 2.00, Drinks: 1.50};
13         var quantity = {Hotdogs: 0, Fries: 0, Drinks: 0};
14
15         //loop to create submit forms
16         document.write("Place your order: <br><br>");
17         for (var index in prices)
18             {
19                 document.write(index + ": $" + prices[index] + " each <br>");
20                 document.write("Quantity: ");
21                 var element = document.createElement("input");
22                 element.setAttribute("type", "text");
23                 element.setAttribute("id", index);
24                 element.setAttribute("style", "width: 50px");
25                 document.body.appendChild(element);
26                 document.write("<br><br>");
27             }
28
29         var totalprice = 0;
30         var subtotal = 0;
31         var parsedQuantity;
32         var discountThresh = 20;
33         var discountPcnt = 10;
34         var discountAmnt = 0;
35         var taxPcnt = 6.25;
36         var taxAmnt = 0;
37
38         function calcOrder()
39         {
40             //init all values;
41             totalprice = 0;
42             subtotal = 0;
43             discountAmnt = 0;
44             taxAmnt = 0;
45
46             for (var index in quantity)
47             {
48                 if (document.getElementById(index).value.length == 0
49                     || isNaN(document.getElementById(index).value))
50                 {
51                     //if field is empty or NaN, default to 0
52                     parsedQuantity = 0;
53                 } else {
54                     //update quantity accordingly
55                     parsedQuantity = document.getElementById(index).value;
56                 }
57                 quantity[index] = parsedQuantity;
58
59                 //increment price total
60                 subtotal += quantity[index] * prices[index];
61             }
62             totalprice = checkdiscount(subtotal);
63             totalprice = applytax(totalprice);
64             totalprice = +(totalprice.toFixed(2)); //round to 2nd decimal place
65
66             alert("Thanks for placing your order!\n\nOrder details:\n\n"
67                 + "Hotdogs: " + quantity.Hotdogs + " -- $" + quantity.Hotdogs * prices.Hotdogs + "\n"
68                 + "Fries: " + quantity.Fries + " -- $" + quantity.Fries * prices.Fries + "\n"
69                 + "Drinks: " + quantity.Drinks + " -- $" + quantity.Drinks * prices.Drinks + "\n\n"
70                 + "Subtotal: $" + subtotal + "\n\n"
71                 + "Discount applied: -$" + discountAmnt + "\n"
72                 + "Tax: $" + taxAmnt + "\n"
73                 + "Final Sale: $" + totalprice + "\n"
74                 );
75         }
76         function checkdiscount(price)

```

```
77     {
78         if (price >= discountThresh)
79         {
80             discountAmnt = +((price * (discountPcnt/100)).toFixed(2));
81             return price -= discountAmnt;
82         }
83         return price;
84     }
85
86     function applytax(price)
87     {
88         taxAmnt = +((price * (taxPcnt/100)).toFixed(2));
89         return price += taxAmnt;
90     }
91 </script>
92 <form >
93     <input type = 'button' value = 'Order' onclick="calcOrder()">
94 </form>
95 </body>
96
97 </html>
```