

```
1 // Hello.
2 //
3 // This is JSHint, a tool that helps to detect errors and potential
4 // problems in your JavaScript code.
5 //
6 // To start, simply enter some JavaScript anywhere on this page. Your
7 // report will appear on the right side.
8 //
9 // Additionally, you can toggle specific options in the Configure
10 // menu.
11
12 /*https://www.youtube.com/watch?v=YrE62Dzg4oM */
13 function calculation(x){
14     if (x==0){
15         document.getElementById('sheetTable').style.display= "inline";
16         document.getElementById('roundTable').style.display= "none";
17         return x =1;
18     }
19     else{
20
21
22         document.getElementById('roundTable').style.display= "inline";
23         document.getElementById('sheetTable').style.display= "none";
24         return x = 0;
25     }
26 }
27
28
29 function submitbutton(){
30     var name = document.getElementById("name").value;
31
32     var address= document.getElementById("streetaddress").value;
33     var postCode= document.getElementById("postcode").value;
34     var phone= document.getElementById("phone").value;
35     var email= document.getElementById("email").value;
36     var layer = document.querySelector("input[name='layerCount']:checked").value;
37     var width = parseFloat(document.getElementById("width").value);
38     var height = parseFloat(document.getElementById("length").value);
39     var radius = parseFloat(document.getElementById("radius").value);
40     var cream = parseFloat(document.getElementById("creamCheese").value);
41     var fruit = parseFloat(document.getElementById("fruitAlmonds").value);
42     var jam = parseFloat(document.getElementById("fruitJam").value);
43     var areaSheet= width*height;
44     var areaRound = 3.14* radius*radius;
45     var cost;
46     var areaCostR;
47     var areaCost;
48     var minArea = 900;
49     var minArea1 = 707;
50     var increasment= 0.02;
51     var totalcost1 ;
52     var totalcost2;
53     //var totalcost3;
54     //var totalcost4;
55     /*var finalResult="<table id=mid><tr colspan=2><td>+ name+</td></tr>"+<tr colspan=
56     "<tr colspan=2><td>+ postCode+</td></tr>"+ "<tr colspan=2><td>+ phone+</td></tr>"+
57     //querySelectorAll('input[name="sheet_cake"]')*/
58     var finalResult="<div id=mid>+name+<br>+ address+<br>+ postCode+ "<br>+ phone+
59 if (document.querySelector('input[id="sheet_cake"]:checked'))){
60
61     if (width==30 & height==30){
62         cost = 18;
63
64     }
65     }else{
66         areaCost =(areaSheet-minArea)*increasment;
67         cost = areaCost+18;
68         //finalResult += "<tr><td> One layer sheet cake with height"+ height+"cm and width "+
69     }
70
71     if(layer ==1){
72         finalResult += "<tr><td> One layer sheet cake with height"+ height+"cm and width "+ width+"cm and
73     }
74     }else if(layer ==2){
75         cost = (cost * 1.5) ;
76         finalResult += "<tr><td> 2 layers sheet cake with height"+ height+"cm and width "+ width+"cm and
77     }
78     }else{
79         cost= (cost * 2);
80         finalResult += "<tr><td> 2 layers sheet cake with height"+ height+"cm and width "+ width+"cm and
81     }
82
83 }
84 //querySelectorAll('input[id="round_cake"]')
85 if (document.querySelector('input[id="round_cake"]:checked')){
86     if (radius== 15){
87         cost = 15;
88
89     }
90     }else{
91         //areaCost =(areaSheet-minArea)*increasment;
92         areaCostR =(areaRound-minArea1)*increasment;
93         cost = areaCostR+15;
94     }
95     if(layer ==1){
96         finalResult += "<tr><td> Round cake with one layer height"+ radius+"cm </td>"+<td id=
97     }
98     }else if(layer ==2){
99         cost = (cost * 1.5) ;
100         finalResult += "<tr><td> Round cake with 2 layers radius"+ radius+"cm </td>"+<td id=
101     }
102     }else{
103         cost= (cost * 2);
104         finalResult += "<tr><td>Round cake with 3 layers radius"+ radius+"cm </td>"+<td id=
105     }
106
107 }
108 if (document.getElementById('creamCheese').checked){
109     cost +=cream;
110     finalResult += "<tr><td>Cream Cheese icing </td>"+<td id=secondcol>"+ " $"+ cream+"<td id=
111 }
112 if (document.getElementById('fruitAlmonds').checked){
113     //totalcost1+= document.getElementById('Almonds').value;
114     cost += fruit;
115     finalResult += "<tr><td>Fruit and Almond topping </td>"+<td id=secondcol>"+ " $"+ fr
116 }
117 }
118 if (document.getElementById('fruitJam').checked){
119     //totalcost1+= document.getElementById('Almonds').value;
120     cost += jam;
121     finalResult += "<tr><td>Fruit Jam filling </td>"+<td id=secondcol>"+ " $"+jam+"<td id=
122 }
123
124 }
125 finalResult += "<tr><td>Total: </td>"+ "<td id=secondcol>"+ "$"+(cost).toFixed(2)+"</td>
126 //email+<br> Your order: <br> ";
127 document.getElementById("result").innerHTML= finalResult;
128
129 }
130
131 }
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133 }
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135 }
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137 }
138
139 //finalResult += "<table><tr><td> One layer sheet cake with height"+ height+"cm and width "+ width+"cm and
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## CONFIGURE

### Metrics

There are 2 functions in this file.

Function with the largest signature take 1 arguments, while the median is 0.5.

Largest function has 56 statements in it, while the median is 31.5.

The most complex function has a cyclomatic complexity value of 12 while the median is 7.

### Three warnings

17 Did you mean to return a conditional instead of an assignment?

24 Did you mean to return a conditional instead of an assignment?

61 Unexpected use of '&'.

### Four unused variables

51 totalcost1

52 totalcost2

13 calculation

29 submitbutton