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1 <!--Stephen Hales, Hoon Lee, Noah Johnson, Devan Alder, Teresa Huff-->
2
3 <!--Section 2 Team 4-->
4
5 <!--This code takes the two names entered in the text boxes and calculates
6 the love percentage based
7 on the characters in the name that match the love phrase characters. It
8 then displays the percentage
9 in a heart and a phrase-->
10
11 <!DOCTYPE html>
12 <html>
13 <head>
14     <!--link to the loading bar css and js sheets-->
15     <link rel="stylesheet" type="text/css" href="loading-
16 bar.css"/>
17     <script type="text/javascript" src="loading-bar.js"></script>
18
19     <!-- Bootstrap -->
20     <link rel="stylesheet"
21 href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.cs
22 s" integrity="sha384-
23 gg0yR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQU0hcWr7x9JvoRXT2MZw1T"
24 crossorigin="anonymous">
25
26     <style>
27         html, body {
28             height: 100% !important;
29             text-align: center;
30             background-image:
31 url(https://68.media.tumblr.com/93de81b5de69cf684af95a6a11bf93d4/tumblr_odwan
32 t0FBJ1vwtxza01_500.gif);
33         }
34
35         h1{
36             color: rgb(233, 133, 133);
37             margin-top: 10px;
38         }
39
40         .LoveHeart {
41             color: rgb(75, 33, 43);
42             display: inline-block;
43             margin-top: 40px;
44         }
45
46         p{
47
48             color: rgb(233, 133, 133);
49
50             font-weight: bold;
51
52             font-size: 150%;

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45         position: absolute;
46
47         left: 78%;
48
49     }
50
51     .button{
52
53         background-color: rgb(233, 133, 133);
54
55         border-radius: 20px;
56
57         color: white; /* Text color */
58
59         padding: 9px 25px;
60
61         font-size: 15px;
62     }
63     .button:hover {
64         box-shadow: 0 12px 16px 0 rgba(0,0,0,0.24), 0 17px 50px 0
65         rgba(0,0,0,0.19);
66         cursor: pointer;
67     }
68
69     </style>
70
71     <script>
72         function calculateTheLove()
73         {
74             //takes the names, changes them to lower case, gets rid
75             of the spaces, and makes it an array
76             var lovePhrase =
77             document.getElementById("lovephrase").value.toLowerCase().split('
78             ').join('').split('');
79             var firstName =
80             document.getElementById("firstname").value.toLowerCase().split('
81             ').join('').split('');
82             var secondName =
83             document.getElementById("secondname").value.toLowerCase().split('
84             ').join('').split('');
85
86             var communicate = document.getElementById("communicate");
87             var selfish = document.getElementById("selfish");
88             var serve = document.getElementById("serve");
89             var bestfriend = document.getElementById("bestfriend");
90             var remember = document.getElementById("remember");
91
92             var loveCount=0;
93             var iFactor = 1;
94
95             //grabs the names and compares it to the love phrase
96             for(iCount1 = 0; iCount1<firstName.length; iCount1++){
97                 for(iCount2 =0; iCount2<lovePhrase.length; iCount2++)

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90         if (firstName[iCount1] == lovePhrase[iCount2]){
91             loveCount++;
92         }
93     }
94 }
95 for(iCount1 = 0; iCount1<secondName.length; iCount1++){
96     for(iCount2 =0; iCount2<lovePhrase.length; iCount2++){
97         if (secondName[iCount1] == lovePhrase[iCount2]){
98             loveCount++;
99         }
100     }
101 }
102
103 //checks if the boxes are checked
104 if (communicate.checked == true){
105     iFactor = iFactor + .25;
106 }
107 if (selfish.checked == true){
108     iFactor = iFactor + .25;
109 }
110 if (serve.checked == true){
111     iFactor = iFactor + .25;
112 }
113 if (bestfriend.checked == true){
114     iFactor = iFactor + .25;
115 }
116 if (remember.checked == true){
117     iFactor = iFactor + .5;
118 }
119
120 //formula to calculate the love percentage
121 var iPower = Math.ceil(((loveCount / lovePhrase.length) *
122 22) * iFactor);
123
124 drawBar(iPower);
125
126 //funciton to display the output words and the heart fill
127 function drawBar(iPower){
128
129     if (iPower >= 100){
130         document.getElementById("output").innerHTML =
131         "Perfect Marriage";
132     }
133     else if (iPower>= 85){
134         document.getElementById("output").innerHTML = "Get
135         Married!";
136     }
137     else if (iPower >= 70){
138         document.getElementById("output").innerHTML = "It
139         might work!";

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138 might work ;
139
140     else {
141         document.getElementById("output").innerHTML = "Keep
looking!";
142     }
143
144     //function to set the heart to the calculated percentage
145     var bar1 = new ldBar("#myItem1");
146     var bar2 = document.getElementById('myItem1').ldBar;
147     bar1.set(iPower);
148
149 }
150
151 //function to clear all the contents created
152 function clearAll(){
153     var bar1 = new ldBar("#myItem1");
154     var bar2 = document.getElementById('myItem1').ldBar;
155     bar1.set(0);
156
157     document.getElementById("lovephrase").value = "";
158     document.getElementById("firstname").value = "";
159     secondName = document.getElementById("secondname").value
= "";
160     communicate =
document.getElementById("communicate").checked = false;
161     selfish = document.getElementById("selfish").checked =
false;
162     serve = document.getElementById("serve").checked = false;
163     bestfriend =
document.getElementById("bestfriend").checked = false;
164     remember = document.getElementById("remember").checked =
false;
165
166     document.getElementById("output").innerHTML = "";
167     document.getElementById("lovephrase").focus();
168 }
169 </script>
170 </head>
171 <body>
172     <h1>Welcome to BYU's <br> Information System's Dating Site!</h1>
<br>
173     <label for="lovephrase">What is the love phrase?:</label> <input
type="text" id="lovephrase" autofocus><br><br>
174     <label for="firstname">Enter the first person's first and last
name:</label> <input type="text" id="firstname"><br><br>
175     <label for="secondname">Enter the second person's first and last
name:</label> <input type="text" id="secondname"><br><br>
176     <input type="checkbox" id="communicate"><label
for="communicate">We will communicate often</label><br><br>
177     <input type="checkbox" id="selfish"><label for="selfish">We will
not be selfish</label><br><br>
178     <input type="checkbox" id="serve"><label for="serve">We will

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178         <input type="checkbox" id="serve" label for="serve">We will
serve each other</label><br><br>
179         <input type="checkbox" id="bestfriend"><label for="bestfriend">My
spouse will be my bestfriend</label><br><br>
180         <input type="checkbox" id="remember"><label for="remember">We
will remember God</label><br><br>
181         <input type="button" value="Click Me" class="button" id="enter"
onclick="calculateTheLove()"> <input type="button" class="button"
value="Reset" id="clear" onClick="clearAll()">
182
183         <br>
184
185         <div id="myItem1" class="LoveHeart ldBar label-center"
186             data-value="0"
187             data-type="fill"
188             data-path="M90.5,23.2c0-12.5-10.2-22.7-22.7-22.7
189             c-13.6,0-20.9,8.6-22.3,13.8C44.3,8.9,
190             35.1,0.5,23.2,0.5C10.7,0.5,0.5,10.7,
191             0.5,23.2c0,22.2,36.5,45.3,45,55.9
192             C53.5,67.3,90.5,46.3,90.5,23.2z"
193         >
194     </div>
195     <p id="output"></p>
196 </body>
197 </html>

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