```
 1 <!doctype html>
 2 <html>
 3
 4 <head>
 5     <meta charset="utf-8">
 6     <title>Quick Pick</title>
 7     <link rel="stylesheet" type="text/css" href="style.css">
 8 </head>
 9 <h1>Quick Pick</h1>
10
11 <body>
12     <script language="javascript" type="text/javascript">
13         var numberarr = [5];
14         var min = 1;
15         var max1 = 48;
16         var max2 = 18;
17
18         //set first 5 values
19         for (i = 0; i < 5; i++)
20         {
21             n = Math.random() * (+max1 - +min) + min;
22             n = Math.round(n);
23             numberarr[i] = n;
24         }
25         var fivearr = [4];
26         fivearr = numberarr.slice(); //save original five numbers for reference
27
28         //set lucky ball number
29         n = Math.random() * (+max2 - +min) + min;
30         n = Math.round(n);
31         lucky = n; //save lucky ball number for reference
32         numberarr[5] = n;
33
34         //output array
35         for (i = 0; i < 6; i++)
36         {
37             document.write("Number " + (i + 1) + " is: " + numberarr[i] + "<br>");
38         }
39         document.write("<br>");
40
41         //sort array numerically
42         numberarr.sort(function (a, b) { return a - b });
43
44         //output sorted
45         document.write("Sorted numbers:" + "<br>");
46         for (i = 0; i < 6; i++)
47         {
48             document.write("Number " + (i + 1) + " is: " + numberarr[i] + "<br>");
49         }
50         document.write("<br>");
51     </script>
52     <form>
53         Enter five numbers (range 1-48) separated by a space:
54         <br>
55         <input type="text" id="fiveno">
56         <br>
57         Enter Lucky Ball number (range 1-18):
58         <br>
59         <input type="text" id="luckyno">
60         <br>
61         <input type='submit' onclick='checkWin()' value="Did you win?">
62     </form>
63     <script language="javascript" type="text/javascript">
64         function checkWin()
65         {
66             //parse values from text boxes, store in valparse
67             valfive = document.getElementById("fiveno").value;
68             var valparse = [4];
69             valparse = valfive.split(" ", 5);
```

```javascript
70              vallucky = document.getElementById("luckyno").value;
71              var valluckyparse = vallucky.split(" ", 1);
72
73              //account for lucky ball number separately
74              var islucky = 0;
75              if (lucky == valluckyparse)
76              {
77                  islucky = 10;
78              }
79              var matches = 0;
80
81              //compare the 5 input numbers to winning numbers
82              for (i = 0; i < 5; i++)
83              {
84                  for (j = 0; j < 5; j++)
85                  {
86                      if (fivearr[i] == valparse[j])
87                      {
88                          matches++;
89                          valparse[j] = undefined; //set undefined to avoid duplicate matches
90                          break;
91                      }
92                  }
93              }
94
95              // document.write("matches :" + matches + "<br>");
96
97              var checkSum = matches + islucky;
98
99              switch(checkSum)
100             {
101                 case 10:
102                     alert("You won $4!");
103                     break;
104                 case 11:
105                     alert("You won $6!");
106                     break;
107                 case 2:
108                     alert("You won $3!");
109                     break;
110                 case 12:
111                     alert("You won $25!");
112                     break;
113                 case 3:
114                     alert("You won $20!");
115                     break;
116                 case 13:
117                     alert("You won $150!");
118                     break;
119                 case 4:
120                     alert("You won $200!");
121                     break;
122                 case 14:
123                     alert("You won $5,000!");
124                     break;
125                 case 5:
126                     alert("You won $25,000 a YEAR for LIFE!");
127                     break;
128                 case 15:
129                     alert("You won $7,000 a WEEK for LIFE!");
130                     break;
131                 default:
132                     alert("Sorry, try again next time!")
133                     break;
134             }
135         }
136
137     </script>
138
```

```html
139     <ul>
140         <li><a href="./hotdogs.html">SPEND YOUR WINNINGS ON HOTDOGS</a></li>
141     </ul>
142 </body>
143
144 </html>
```