```html
1  <!doctype <!DOCTYPE html>
2  <html>
3
4  <head>
5      <meta charset="utf-8" />
6      <title>SONGS TO PLAY AT THE GAS STATION SETLIST</title>
7      <style>
8          body {
9              font-family: Arial, Helvetica, sans-serif;
10          }
11
12          output {
13              display: flex;
14          }
15      </style>
16
17      <script language="javascript">
18          var setlist = {
19              songs: [
20                  {
21                      artist: "Metallica",
22                      title: "Fuel",
23                      genre: "Heavy Metal",
24                      year: 1996
25                  },
26                  {
27                      artist: "Dave Rodgers",
28                      title: "Déjà Vu",
29                      genre: "Eurobeat",
30                      year: 1999
31                  },
32                  {
33                      artist: "Queen",
34                      title: "I'm In Love With My Car",
35                      genre: "Glam Rock",
36                      year: 1975
37                  },
38                  {
39                      artist: "Audioslave",
40                      title: "Gasoline",
41                      genre: "Alternative Rock",
42                      year: 2002
43                  },
44                  {
45                      artist: "Queen",
46                      title: "Bicycle Race",
47                      genre: "Rock",
48                      year: 1978
49                  },
50                  {
51                      artist: "Red Hot Chili Peppers",
52                      title: "By the Way",
53                      genre: "Funk Rock",
54                      year: 2002
55                  },
56                  {
57                      artist: "Queen",
58                      title: "Another One Bites The Dust",
59                      genre: "Funk Rock",
60                      year: 1980
61                  },
62                  {
63                      artist: "Queen and David Bowie",
64                      title: "Under Pressure",
65                      genre: "Pop Rock",
66                      year: 1981
67                  },
68                  {
69                      artist: "Ellie Goulding",
70                      title: "Burn",
71                      genre: "Electropop",
72                      year: 2013
73                  },
74                  {
75                      artist: "Queen",
76                      title: "Don't Stop Me Now",
77                      genre: "Pop Rock",
78                      year: 1979
79                  }
80              ]
81          }
82      </script>
83  </head>
84
85  <body>
86      <h1 style="margin-bottom: 2px">SONGS TO PLAY AT THE GAS STATION</h1>
87      <h1 style="font-size: 10pt; margin-top: 2px; margin-bottom: 20px">In glorious multilanguage interfaceable JSON format</h1>
88      <div class="output">
89          <script language="javascript">
90              var setlistJSON = JSON.stringify(setlist);
91              document.write("Serialized JSON: <br><br>");
92              document.write(setlistJSON + "<br><br>");
93              document.write("Formatted: <br><br>");
94              var listlen = (setlist.songs).length;
```

```
 95
 96                for (i = 0; i < listlen; i++) {
 97                    var title = setlist.songs[i].title.bold();
 98                    document.write(title + "<br>");
 99                    document.write("Artist: " + setlist.songs[i].artist + "<br>");
100                    document.write("Genre: " + setlist.songs[i].genre + "<br>");
101                    document.write("Year: " + setlist.songs[i].year + "<br><br>");
102                }
103            </script>
104        </div>
105        <p style="margin-bottom: 3px">Filter by genre:<br></p>
106        <!-- <select name="Genre" id="genrefilt" onchange="displayGenre()"> show on change -->
107        <select name="Genre" id="genrefilt">
108            <option value="Alternative Rock">Alternative Rock</option>
109            <option value="Electropop">Electropop</option>
110            <option value="Eurobeat">Eurobeat</option>
111            <option value="Funk Rock">Funk Rock</option>
112            <option value="Glam Rock">Glam Rock</option>
113            <option value="Heavy Metal">Heavy Metal</option>
114            <option value="Pop Rock">Pop Rock</option>
115            <option value="Rock">Rock</option>
116        </select>
117        <button type="button" onclick="displayGenre()">Filter</button>
118
119        <div id="filtered">
120            <p id="filteredText"> </p>
121        </div>
122
123        <script language="javascript">
124            function displayGenre() {
125                var targetGenre = document.getElementById("genrefilt").value;
126                var displayText = "Displaying all " + targetGenre + " songs:<br>";
127                for (i = 0; i < listlen; i++) {
128                    if (setlist.songs[i].genre == targetGenre) {
129                        var title = setlist.songs[i].title.bold();
130                        displayText += title + "<br>";
131                    }
132                }
133                document.getElementById("filteredText").innerHTML = displayText;
134            }
135        </script>
136
137 </body>
138
139 </html>
```