```
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
13
14   //var y=document.getElementById("searchByLname");
15   //var z=document.getElementById("searchByPhone");
16
17   var xhr = new XMLHttpRequest();
18   var parsedrecord= parsedrecord || [];
19   //window.onload =adddata;
20
21   function adddata() {
22       document.getElementById("vehicle_license_number").addEventListener("keyup", function
23       document.getElementById("searchByLname").addEventListener("keyup", function(){Searc
24       xhr.onreadystatechange = function() {
25           if (xhr.readyState == 4 && xhr.status == 200) {
26               parsedrecord = JSON.parse(xhr.responseText);
27
28       }
29   };
30   xhr.open("GET","https://data.cityofnewyork.us/resource/8wbx-tsch.json", true);
31   xhr.send();
32   }
33
34   function SearchLicen(vehicle_license_number){
35       document.getElementById("searchvalue").innerHTML = "Search by license numbe<br>";
36       var SearchbyLicen;
37       //var exist= "false";
38       var i;
39       var table="<tr><th>license Number</th><th>Full Name</th><th>license type</th><th>pe
40
41       for(i=0; i<parsedrecord.length; i++)
42       {
43           var obj = parsedrecord[i];
44           SearchbyLicen=obj.vehicle_license_number;
45
46           if (SearchbyLicen && SearchbyLicen.startsWith(vehicle_license_number.toUpperCase
47           {
48
49               //exist= "true";
50               table+="<tr><td>";
51               table+=obj.vehicle_license_number;
52               table+="</td><td>";
53               table+=obj.name;
54               table+="</td><td>";
55               table+=obj.license_type;
56               table+="</td><td>";
57               table+=obj.permit_license_number;
58               table+="</td><td>";
59               table+=obj.base_telephone_number;
60               table+="</td><td>";
61               table+=obj.vehicle_year;
62               table+="</td></tr>";
63
64           }
65
66       }
67       /* if (exist=="true"){*/
68       document.getElementById("searchresults").innerHTML=table;
69   /*}else{
70       document.getElementById("searchresults").innerHTML="Id is not found";
71   }*/
72   }
73
74   function SearchLname(searchByLname){
75       document.getElementById("searchvalue").innerHTML = "Search by license numbe<br>";
76       var searchName;
77       //var exist= "false";
78       var i;
79       var table="<tr><th>license Number</th><th>Full Name</th><th>license type</th><th>pe
80
81       for(i=0; i<parsedrecord.length; i++)
82       {
83           var obj = parsedrecord[i];
84           searchName=obj.name;
85
86           if (searchName && searchName.startsWith(searchByLname.toUpperCase()))
87           {
88
89               //exist= "true";
90               table+="<tr><td>";
91               table+=obj.vehicle_license_number;
92               table+="</td><td>";
93               table+=obj.name;
94               table+="</td><td>";
95               table+=obj.license_type;
96               table+="</td><td>";
97               table+=obj.permit_license_number;
98               table+="</td><td>";
99               table+=obj.base_telephone_number;
100              table+="</td><td>";
101              table+=obj.vehicle_year;
102              table+="</td></tr>";
103
104          }
105
106      }
107      /* if (exist=="true"){*/
108      document.getElementById("searchresults").innerHTML=table;
109  /*}else{
110      document.getElementById("searchresults").innerHTML="Id is not found";
111  }*/
112  }
113
114
115  function adddataSecond() {
116      document.getElementById("searchByYear").addEventListener("keyup", function(){SearchY
117      document.getElementById("searchGender").addEventListener("keyup", function(){SearchG
118      xhr.onreadystatechange = function() {
119          if (xhr.readyState == 4 && xhr.status == 200) {
120              parsedrecord = JSON.parse(xhr.responseText);
121
122      }
123  };
124  xhr.open("GET","https://data.cityofnewyork.us/resource/jb7j-dtam.json", true);
125  xhr.send();
126  }
127
128  function SearchYear(searchByYear){
129      document.getElementById("searchvalue").innerHTML = "Search by Year<br>";
130      var searchYear;
131      //var exist= "false";
132      var i;
133      var table="<tr><th>Year</th><th>leading cause</th><th>Gender</th><th>deaths</th><th
134
135      for(i=0; i<parsedrecord.length; i++)
136      {
137          var obj = parsedrecord[i];
138          searchYear=obj.year;
139
140          if (searchYear && searchYear.startsWith(searchByYear))
141          {
142
143              //exist= "true";
144              table+="<tr><td>";
145              table+=obj.year;
146              table+="</td><td>";
147              table+=obj.leading_cause;
148              table+="</td><td>";
                 table+=obj.sex;
```

Metrics

There are 18 functions in this file.

Function with the largest signature take 1 arguments, while the median is 0.

Largest function has 22 statements in it, while the median is 3.5.

The most complex function has a cyclomatic complexity value of 4 while the median is 2.

Metrics

Three unused variables

21   adddata

115 adddataSecond

210 adddataThird

```javascript
                        table+=obj.sex;
                        table+="</td><td>";
                        table+=obj.deaths;
                        table+="</td><td>";
                        table+=obj.death_rate;
                        table+="</td><td>";
                        table+=obj.age_adjusted_death_rate;
                        table+="</td></tr>";

                }

        }
    // if (exist=="true"){
        document.getElementById("searchresults").innerHTML=table;
    //}else{
    //   document.getElementById("searchresults").innerHTML="Id is not found";

}


function SearchByGender(searchGender){
        document.getElementById("searchvalue").innerHTML = "Search by Gender<br>";
        var searchGenders;
        //var exist= "false";
        var i;
        var table="<tr><th>Year</th><th>leading cause</th><th>Gender</th><th>deaths</th><th

        for(i=0; i<parsedrecord.length; i++)
        {
            var obj = parsedrecord[i];
            searchGenders=obj.sex;

            if (searchGenders && searchGenders.startsWith(searchGender.toUpperCase()))
            {

                    //exist= "true";
                    table+="<tr><td>";
                    table+=obj.year;
                    table+="</td><td>";
                    table+=obj.leading_cause;
                    table+="</td><td>";
                    table+=obj.sex;
                    table+="</td><td>";
                    table+=obj.deaths;
                    table+="</td><td>";
                    table+=obj.death_rate;
                    table+="</td><td>";
                    table+=obj.age_adjusted_death_rate;
                    table+="</td></tr>";
                }

            }
        //if (exist=="true"){
            document.getElementById("searchresults").innerHTML=table;
        //}else{
        //   document.getElementById("searchresults").innerHTML="Id is not found";
        //}
}



function adddataThird() {
    document.getElementById("searchByCity").addEventListener("keyup", function(){Search
    document.getElementById("searchBuildingId").addEventListener("keyup", function(){Se
    xhr.onreadystatechange = function() {
        if (xhr.readyState == 4 && xhr.status == 200) {
            parsedrecord = JSON.parse(xhr.responseText);

        }
    };
    xhr.open("GET","https://data.cityofnewyork.us/resource/8586-3zfm.json", true);
    xhr.send();
}

function SearchCity(searchByCity){
        document.getElementById("searchvalue").innerHTML = "Search by City<br>";
        var seaCity;
        //var exist= "false";
        var i;
        var table="<tr><th>Building Address</th><th>Building Id</th><th>const type</th><th

        for(i=0; i<parsedrecord.length; i++)
        {
            var obj = parsedrecord[i];
            seaCity=obj.city;

            if (seaCity && seaCity.startsWith(searchByCity.toUpperCase()))
            {

                    //exist= "true";
                    table+="<tr><td>";
                    table+=obj.building_address;
                    table+="</td><td>";
                    table+=obj.buildingid;
                    table+="</td><td>";
                    table+=obj.consttype;
                    table+="</td><td>";
                    table+=obj.city;
                    table+="</td></tr>";
                }

            }
    // if (exist=="true"){
        document.getElementById("searchresults").innerHTML=table;
    //}else{
    //   document.getElementById("searchresults").innerHTML="Id is not found";

}


function SearchByBuilding(searchBuildingId){
        document.getElementById("searchvalue").innerHTML = "Search by City<br>";
        var searchBuilding;
        //var exist= "false";
        var i;
        var table="<tr><th>Building Address</th><th>Building Id</th><th>const type</th><th

        for(i=0; i<parsedrecord.length; i++)
        {
            var obj = parsedrecord[i];
            searchBuilding=obj.buildingId;

            if (searchBuilding && searchBuilding.startsWith(searchBuildingId))
            {

                    //exist= "true";
                    table+="<tr><td>";
                    table+=obj.building_address;
                    table+="</td><td>";
                    table+=obj.buildingid;
                    table+="</td><td>";
                    table+=obj.consttype;
                    table+="</td><td>";
                    table+=obj.city;
                    table+="</td></tr>";
                }

            }
    // if (exist=="true"){
        document.getElementById("searchresults").innerHTML=table;
    //}else{
    //   document.getElementById("searchresults").innerHTML="Id is not found";

}
```