

**personal-website/projects/prog12/search.js**

```
1  /*
2      Name: Kevin Blinn
3      Class: CPSC 3750
4      Date Due: July 13th, 2024
5      Assignment: Prog12 - AJAX & PHP
6  */
7
8  // This function sends a request to search.php with the user input
9  function showResults(query) {
10
11      // Check if the query is empty and display the default message if so
12      if (query.length == 0) {
13          document.getElementById('list').innerHTML = '<li>Capitals will display when
you type a state...</li>';
14          return;
15      }
16
17      // Send the request to search.php with the query
18      ajaxRequest('search.php?query=' + query, displayResults);
19  }
20
21  // This function will update the list based on the response
22  function displayResults(responseXML) {
23
24      // Get the list element and clear it
25      var list = document.getElementById('list');
26      list.innerHTML = '';
27
28      // Get the names from the response and add them to the list
29      var names = responseXML.getElementsByTagName('name');
30      for (var i = 0; i < names.length; i++) {
31          var li = document.createElement('li');
32          li.textContent = names[i].textContent;
33          list.appendChild(li);
34      }
35  }
36
```