

personal-website/projects/prog12/search.php

```
1 <?php
2
3  /*
4   Name: Kevin Blinn
5   Class: CPSC 3750
6   Date Due: July 13th, 2024
7   Assignment: Prog12 – AJAX & PHP
8  */
9
10 header("Content-type: text/xml");
11
12 // I changed the array to hold the states and capitals
13 $states_and_capitals = array (
14     "Alabama" => "Montgomery",
15     "Alaska" => "Juneau",
16     "Arizona" => "Phoenix",
17     "Arkansas" => "Little Rock",
18     "California" => "Sacramento",
19     "Colorado" => "Denver",
20     "Connecticut" => "Hartford",
21     "Delaware" => "Dover",
22     "Florida" => "Tallahassee",
23     "Georgia" => "Atlanta",
24     "Hawaii" => "Honolulu",
25     "Idaho" => "Boise",
26     "Illinois" => "Springfield",
27     "Indiana" => "Indianapolis",
28     "Iowa" => "Des Moines",
29     "Kansas" => "Topeka",
30     "Kentucky" => "Frankfort",
31     "Louisiana" => "Baton Rouge",
32     "Maine" => "Augusta",
33     "Maryland" => "Annapolis",
34     "Massachusetts" => "Boston",
35     "Michigan" => "Lansing",
36     "Minnesota" => "Saint Paul",
37     "Mississippi" => "Jackson",
38     "Missouri" => "Jefferson City",
39     "Montana" => "Helena",
40     "Nebraska" => "Lincoln",
41     "Nevada" => "Carson City",
42     "New Hampshire" => "Concord",
```

```
43     "New Jersey" => "Trenton",
44     "New Mexico" => "Santa Fe",
45     "New York" => "Albany",
46     "North Carolina" => "Raleigh",
47     "North Dakota" => "Bismarck",
48     "Ohio" => "Columbus",
49     "Oklahoma" => "Oklahoma City",
50     "Oregon" => "Salem",
51     "Pennsylvania" => "Harrisburg",
52     "Rhode Island" => "Providence",
53     "South Carolina" => "Columbia",
54     "South Dakota" => "Pierre",
55     "Tennessee" => "Nashville",
56     "Texas" => "Austin",
57     "Utah" => "Salt Lake City",
58     "Vermont" => "Montpelier",
59     "Virginia" => "Richmond",
60     "Washington" => "Olympia",
61     "West Virginia" => "Charleston",
62     "Wisconsin" => "Madison",
63     "Wyoming" => "Cheyenne"
64 );
65
66 // Output the XML header
67 echo "<?xml version=\"1.0\" ?>\n";
68 echo "<names>\n";
69
70 // Loop through each state and their capital
71 foreach ($states_and_capitals as $state => $capital) {
72
73     // If the query string is found in the state name, output the capital
74     if (stripos($state, $_GET['query']) !== false) {
75         echo "<name>$capital</name>\n";
76     }
77
78 }
79 echo "</names>\n";
80 ?>
81
```