

1 <!-- Practical-12: Write a program using AJAX and PHP to demonstrate how a Web page can communicate with the Web server while a user type characters in input ?ield.

2
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6
7 <!DOCTYPE html>

8 <html>

9 <head>

10 <title>Practical12</title>

11 <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

12 <script type="text/javascript">

13 \$(document).ready(function () {

14 \$("#search-box").keyup(function () {

15 var query = \$(this).val();

16

17 if (query !== "") {

18 \$.ajax({

19 type: "POST",

20 url: "search.php",

21 data: { query: query },

22 success: function (data) {

23 \$("#search-results").html(data);

24 }

25 });

26 } else {

27 \$("#search-results").html("");

28 }

29 });

30 };

31 </script>

32 </head>

33 <body>

34 <h1>AJAX and PHP to demonstrate how a Web page can communicate

35 with the Web server while a user type characters in input field.</h1>

36 <input type="text" id="search-box" placeholder="Type here...">

37 <div id="search-results"></div>

38 </body>

39 </html>

40

41 // practical12_2.php

42 <?php

43 \$data = [

44 "Audi",

45 "BMW",

46 "Chevrolet",

47 "Ford",

48 "Honda",

49 "Hyundai",

50 "Jaguar",

51 "Kia",

52 "Lexus",

53 "Mercedes-Benz",

54 "Nissan",

55 "Porsche",

56 "Subaru",

57 "Tesla",

58 "Toyota",

59 "Volkswagen",

60 "Volvo"];

```
58     "Toyota",
59     "Volkswagen (VW)",
60     "Volvo",
61 ];
62
63 if (isset($_POST['query'])) {
64     $query = $_POST['query'];
65     $results = [];
66
67     foreach ($data as $item) {
68         if (strpos($item, $query) !== false) {
69             $results[] = $item;
70         }
71     }
72
73     if (count($results) > 0) {
74         echo "<ul>";
75         foreach ($results as $result) {
76             echo "<li>" . $result . "</li>";
77         }
78         echo "</ul>";
79     } else {
80         echo "No results found.";
81     }
82 }
83 ?>
```