**Aim: Write a PHP code to implement AJAX functionality.**

• **Livesearch.php**

<?php

$xmlDoc = new DOMDocument(); $xmlDoc->load("links.xml");

$x = $xmlDoc->getElementsByTagName('link');

$q = $\_GET["q"]; $hint = "";

if (strlen($q) > 0) { for($i = 0; $i < $x->length; $i++) {

$y = $x->item($i)->getElementsByTagName("title"); $z = $x->item($i)->getElementsByTagName("url"); if ($y->item(0)->nodeType == 1) { if (stristr($y->item(0)->childNodes->item(0)->nodeValue, $q)) { if ($hint == "") {

$hint = "<a href='" . $z->item(0)->childNodes->item(0)->nodeValue .

"' target='\_blank'>" . $y->item(0)->childNodes->item(0)->nodeValue . "</a>";

} else {

$hint .= "<br><a href='" . $z->item(0)->childNodes->item(0)->nodeValue .

"' target='\_blank'>" . $y->item(0)->childNodes->item(0)->nodeValue . "</a>";

}

}

}

}

}

$response = ($hint == "") ? "no suggestion" : $hint; echo $response;

?>

• **Index.html s**

<!DOCTYPE html>

<html>

<head> <script> function showResult(str) { if (str.length == 0) {

document.getElementById("livesearch").innerHTML = "";

document.getElementById("livesearch").style.border = "0px"; return;

}

var xmlhttp = new XMLHttpRequest(); xmlhttp.onreadystatechange = function () { if (this.readyState == 4 && this.status == 200) { document.getElementById("livesearch").innerHTML = this.responseText; document.getElementById("livesearch").style.border = "1px solid #A5ACB2";

}

};

xmlhttp.open("GET", "livesearch.php?q=" + str, true); xmlhttp.send();

}

</script>

</head>

<body>

<form>

<input type="text" size="30" onkeyup="showResult(this.value)">

<div id="livesearch"></div>

</form>

</body> </html>

• **Links.xml**

<links>

<link>

<title>W3Schools</title>

<url>https://www.w3schools.com</url>

</link>

<link>

<title>Google</title>

<url>https://www.google.com</url>

</link>

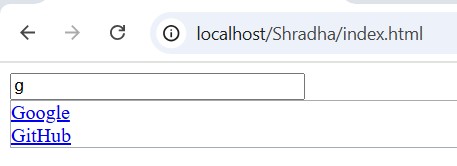
<link>

<title>GitHub</title>

<url>https://www.github.com</url>

</link> </links>

OUTPUT:



A screenshot of a computer

AI-generated content may be incorrect.