**Aim:** To create a simple application that allows users to search for popular PHP MVC frameworks

**Program:**

*Index.php*

<html>

    <head>

        <title>PHP MVC Frameworks - Search Engine</title>

        <script type="text/javascript" src="/auto\_complete.js"></script>

    </head>

    <body>

        <h2>PHP MVC Frameworks - Search Engine</h2>

        <p><b>Type the first letter of the PHP MVC Framework</b></p>

        <form method="POST" action="index.php">

            <p><input type="text" size="40" id="txtHint"  onkeyup="showName(this.value)"></p>

        </form>

        <p>Matches: <span id="txtName"></span></p>

    </body>

</html>

* “onkeyup="showName(this.value)"” executes the JavaScript function showName everytime a key is typed in the textbox. This feature is called auto complete

*auto\_complete.js*

function showName(str){

    if (str.length == 0){ //exit function if nothing has been typed in the textbox

        document.getElementById("txtName").innerHTML=""; //clear previous results

        return;

    }

    if (window.XMLHttpRequest) {// code for IE7+, Firefox, Chrome, Opera, Safari

        xmlhttp=new XMLHttpRequest();

    }

else {// code for IE6, IE5

        xmlhttp=new ActiveXObject("Microsoft.XMLHTTP");

    }

    xmlhttp.onreadystatechange=function() {

        if (xmlhttp.readyState == 4 && xmlhttp.status == 200){

            document.getElementById("txtName").innerHTML=xmlhttp.responseText;

        }

    }

    xmlhttp.open("GET","frameworks.php?name="+str,true);

    xmlhttp.send();

}

*frameworks.php*

<?php

$frameworks = array("CodeIgniter","Zend Framework","Cake PHP","Kohana") ;

$name = $\_GET["name"];

if (strlen($name) > 0) {

    $match = "";

    for ($i = 0; $i < count($frameworks); $i++) {

        if (strtolower($name) == strtolower(substr($frameworks[$i], 0, strlen($name)))) {

            if ($match == "") {

                $match = $frameworks[$i];

            } else {

                $match = $match . " , " . $frameworks[$i];

            }

        }

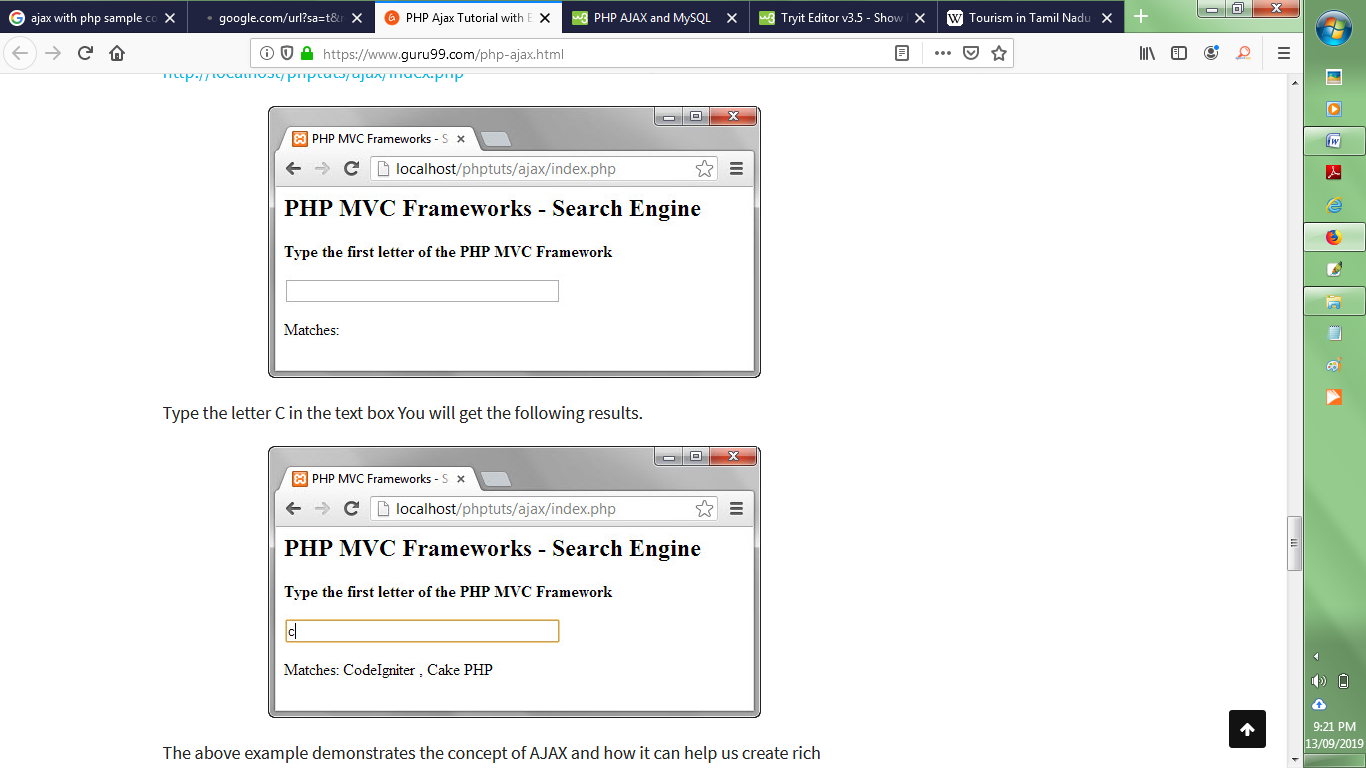
    }

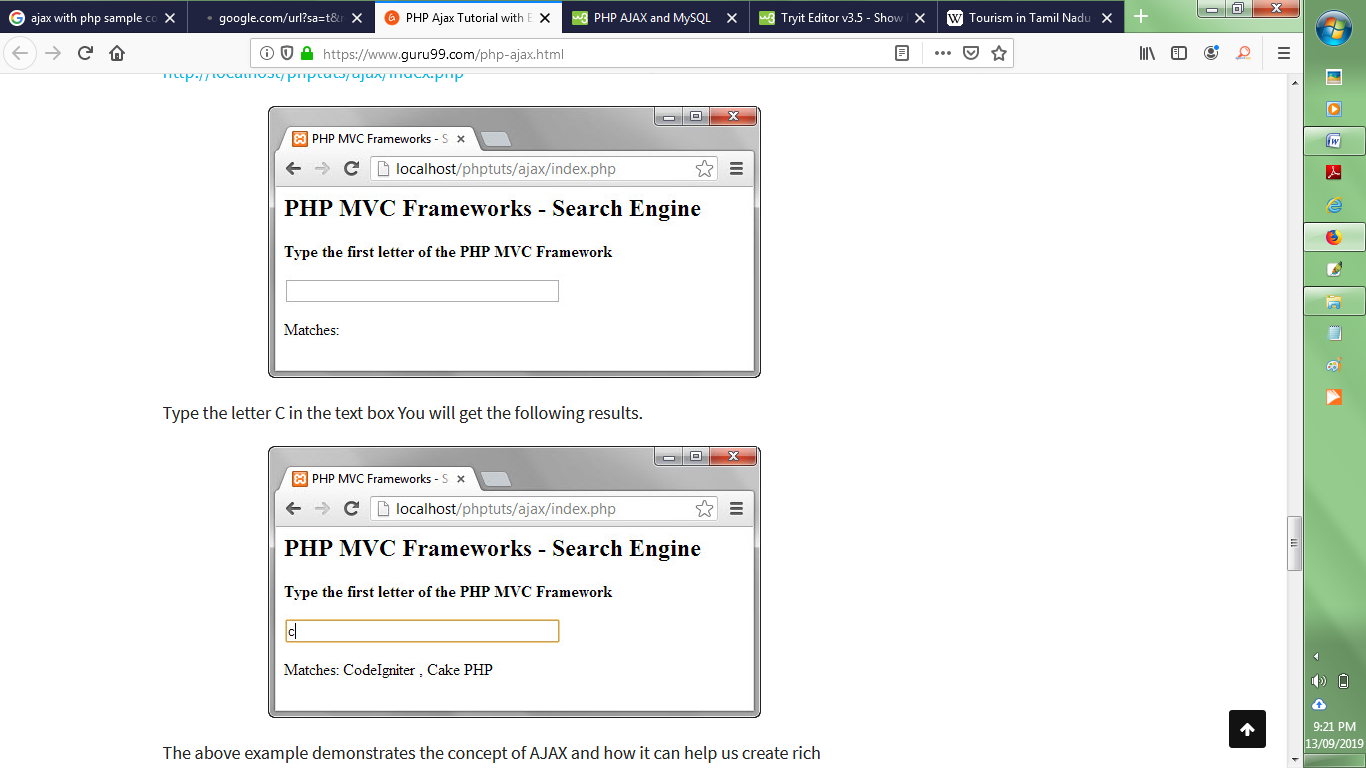
}

echo ($match == "") ? 'no match found' : $match;

?>

**Output:**

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