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***R.No:08***

***PHP and MySQL***

***1. Write a PHP program to display a digital clock that displays the current time of the server.***

***Code:***

*<!DOCTYPE html>*

*<html>*

*<body>*

*<?php*

*date\_default\_timezone\_set("Asia/Kolkata");*

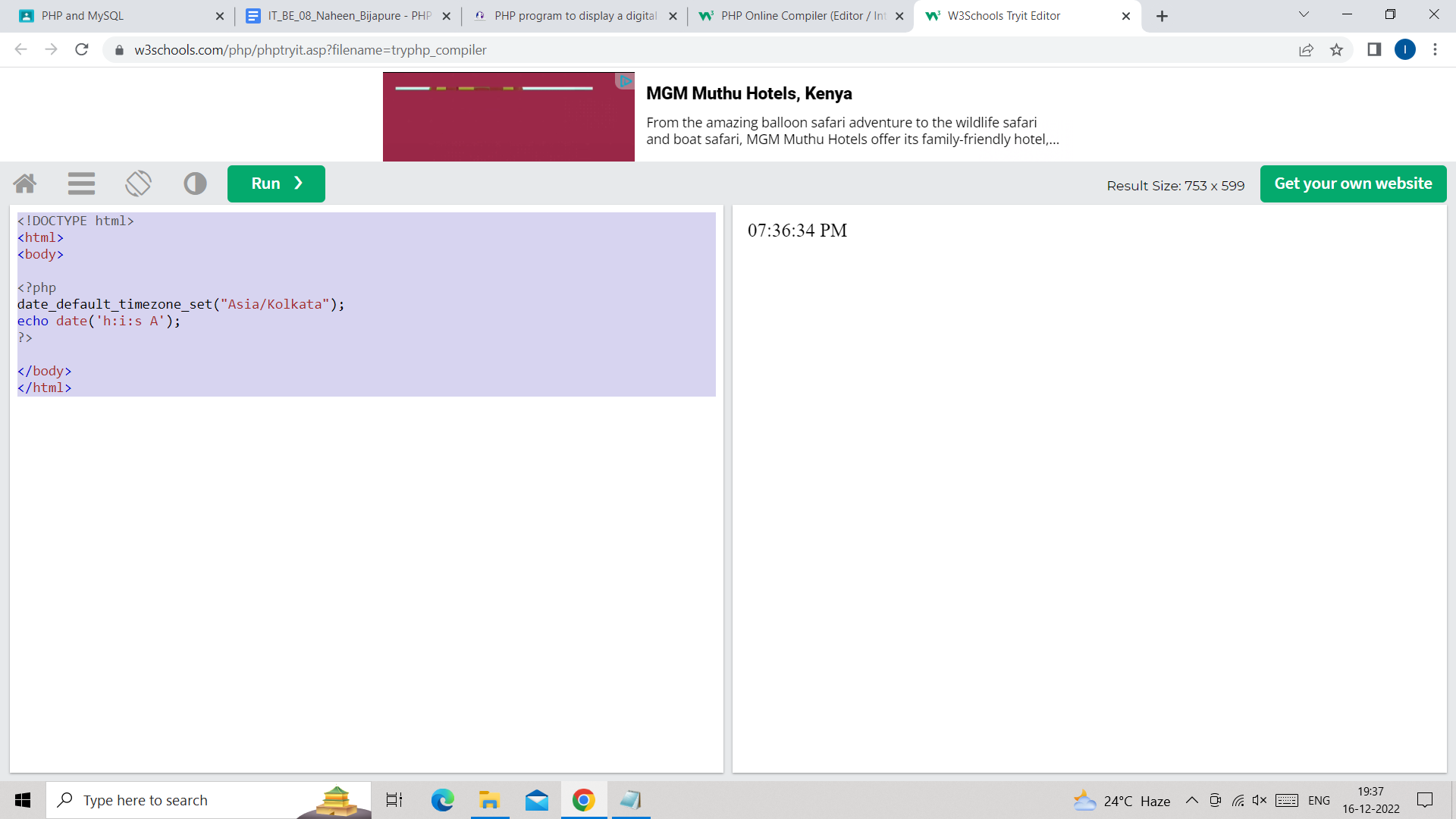
*echo date('h:i:s A');*

*?>*

*</body>*

*</html>*

***Output:***

**

***2. Write a PHP program to keep track of the number of visitors visiting the web page and display the count of visitors, with proper headings.***

***Code:***

*<!DOCTYPE html>*

*<html>*

*<body>*

*<?php*

*print "*

*REFRESH PAGE*

*";*

*$name="counter.txt";*

*$file = fopen($name,"r");*

*$hits= fscanf($file,"%d");*

*fclose($file);*

*$hits[0]++;*

*$file = fopen($name,"w");*

*fprintf($file,"%d",$hits[0]);*

*fclose($file);*

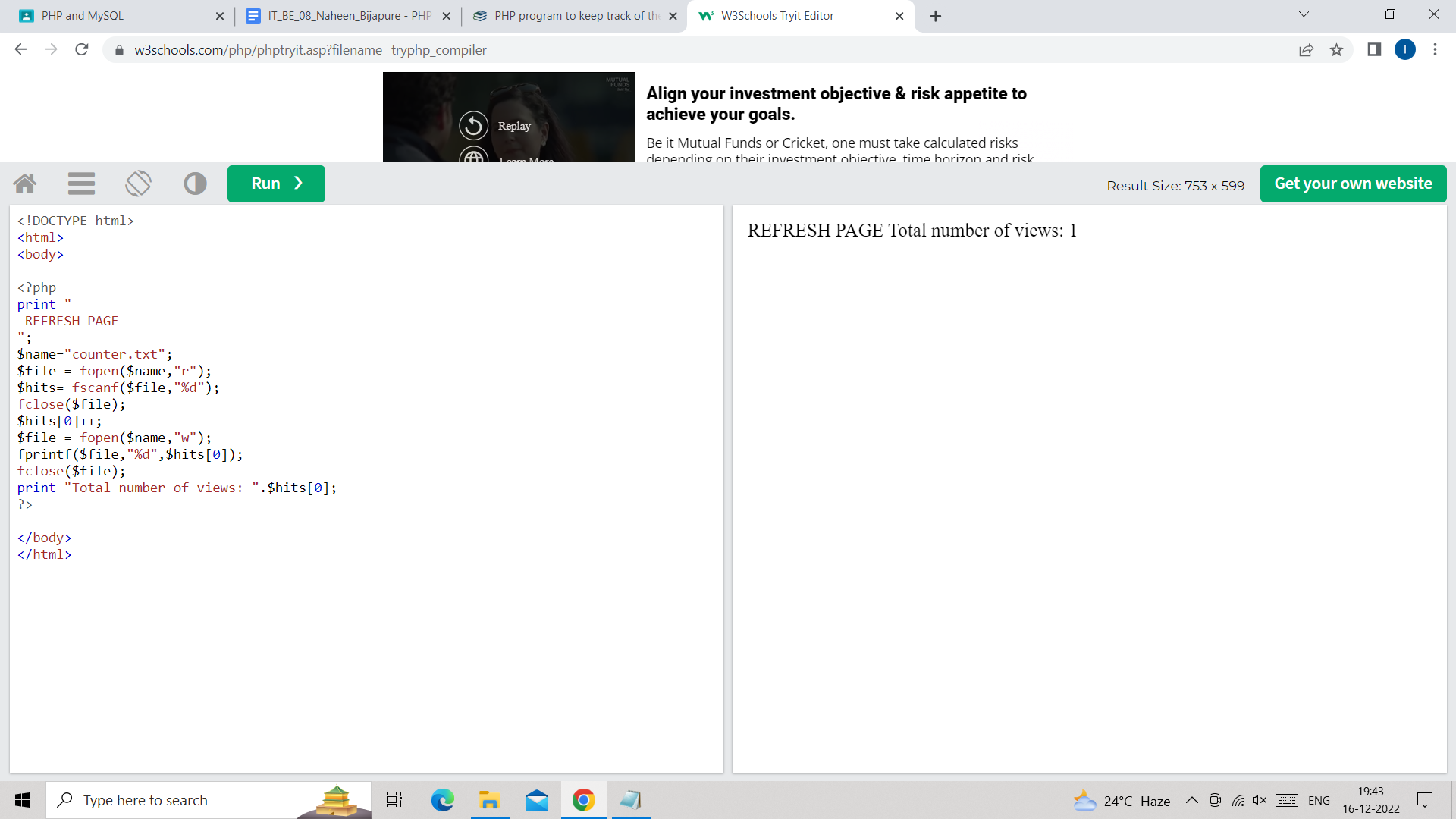
*print "Total number of views: ".$hits[0];*

*?>*

*</body>*

*</html>*

***Output:***

******

***3. Create a Secure Login system using PHP with MYSQL database***

***Code:***

***Index.html:***

*<html>*

*<head>*

*<title>PHP login system</title>*

*// insert style.css file inside index.html*

*<link rel = "stylesheet" type = "text/css" href = "style.css">*

*</head>*

*<body>*

*<div id = "frm">*

*<h1>Login</h1>*

*<form name="f1" action = "authentication.php" onsubmit = "return validation()" method = "POST">*

*<p>*

*<label> UserName: </label>*

*<input type = "text" id ="user" name = "user" />*

*</p>*

*<p>*

*<label> Password: </label>*

*<input type = "password" id ="pass" name = "pass" />*

*</p>*

*<p>*

*<input type = "submit" id = "btn" value = "Login" />*

*</p>*

*</form>*

*</div>*

*// validation for empty field*

*<script>*

*function validation()*

*{*

*var id=document.f1.user.value;*

*var ps=document.f1.pass.value;*

*if(id.length=="" && ps.length=="") {*

*alert("User Name and Password fields are empty");*

*return false;*

*}*

*else*

*{*

*if(id.length=="") {*

*alert("User Name is empty");*

*return false;*

*}*

*if (ps.length=="") {*

*alert("Password field is empty");*

*return false;*

*}*

*}*

*}*

*</script>*

*</body>*

*</html>*

***style.css:***

*body{*

*background: #eee;*

*}*

*#frm{*

*border: solid gray 1px;*

*width:25%;*

*border-radius: 2px;*

*margin: 120px auto;*

*background: white;*

*padding: 50px;*

*}*

*#btn{*

*color: #fff;*

*background: #337ab7;*

*padding: 7px;*

*margin-left: 70%;*

*}*

***connection.php:***

*<?php*

*$host = "localhost";*

*$user = "root";*

*$password = '';*

*$db\_name = "javatpoint";*

*$con = mysqli\_connect($host, $user, $password, $db\_name);*

*if(mysqli\_connect\_errno()) {*

*die("Failed to connect with MySQL: ". mysqli\_connect\_error());*

*}*

*?>*

***authentication.php:***

*<?php*

*include('connection.php');*

*$username = $\_POST['user'];*

*$password = $\_POST['pass'];*

*//to prevent from mysqli injection*

*$username = stripcslashes($username);*

*$password = stripcslashes($password);*

*$username = mysqli\_real\_escape\_string($con, $username);*

*$password = mysqli\_real\_escape\_string($con, $password);*

*$sql = "select \*from login where username = '$username' and password = '$password'";*

*$result = mysqli\_query($con, $sql);*

*$row = mysqli\_fetch\_array($result, MYSQLI\_ASSOC);*

*$count = mysqli\_num\_rows($result);*

*if($count == 1){*

*echo "<h1><center> Login successful </center></h1>";*

*}*

*else{*

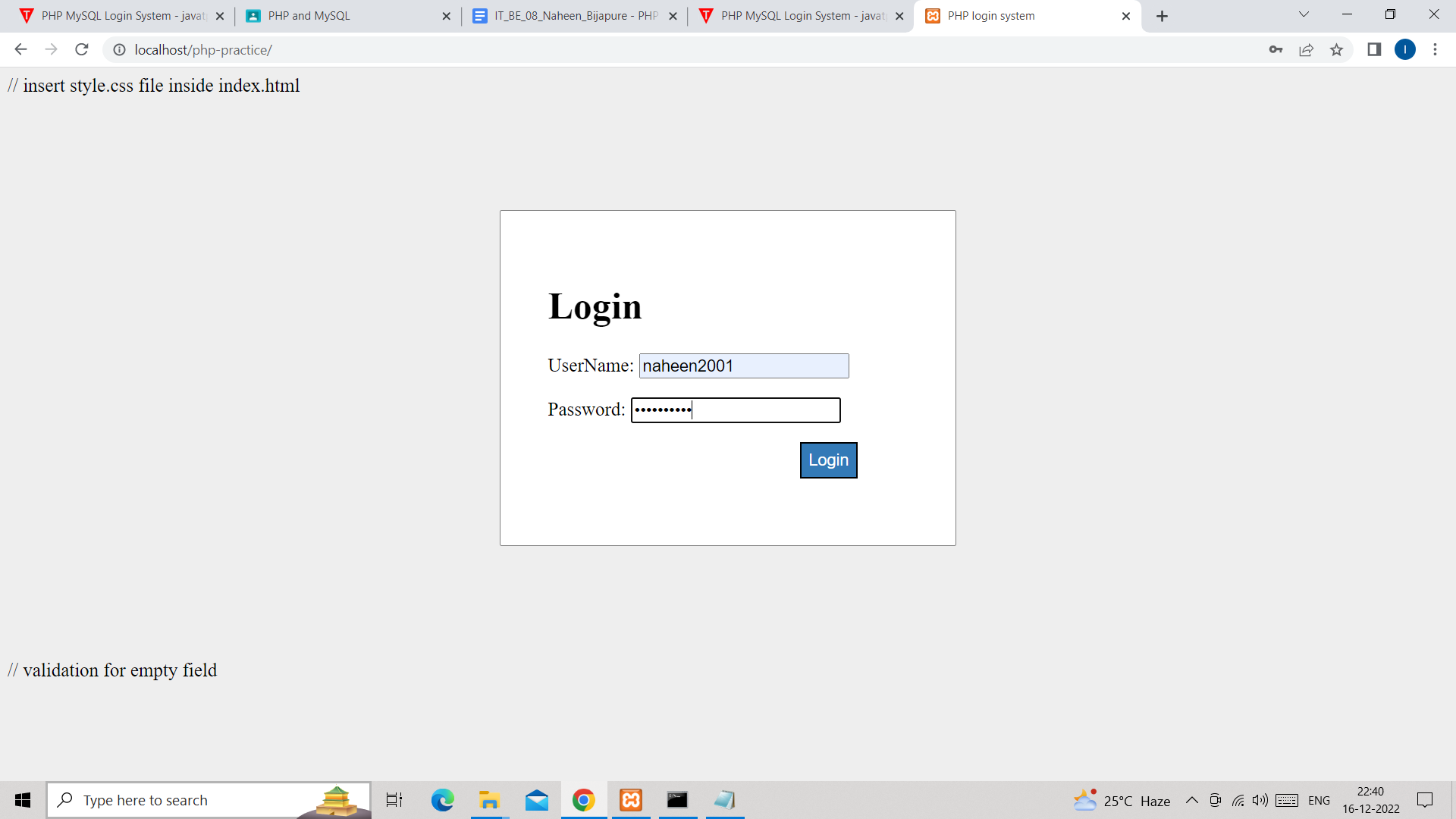
*echo "<h1> Login failed. Invalid username or password.</h1>";*

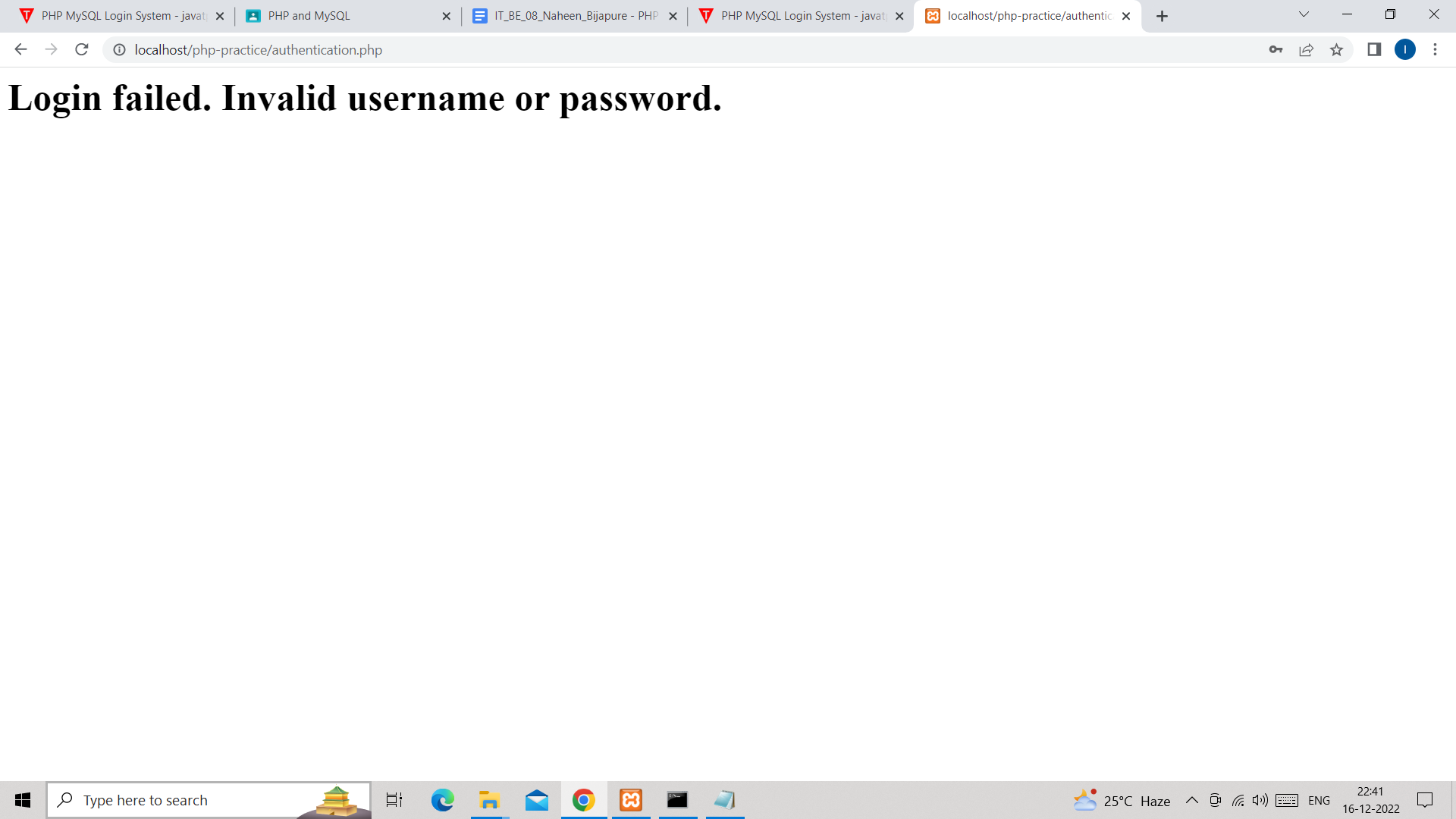
*}*

*?>*

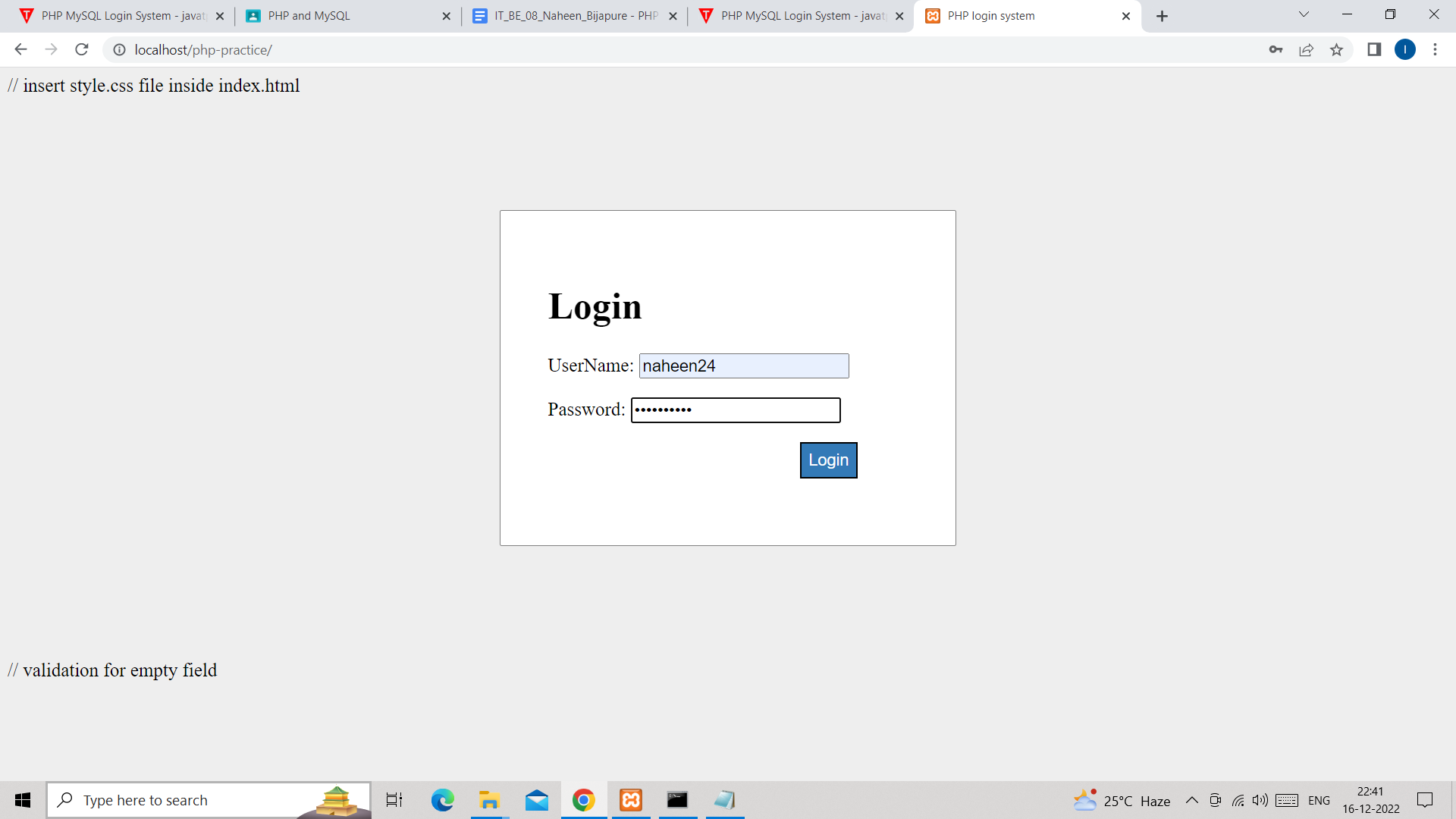
***Output:***

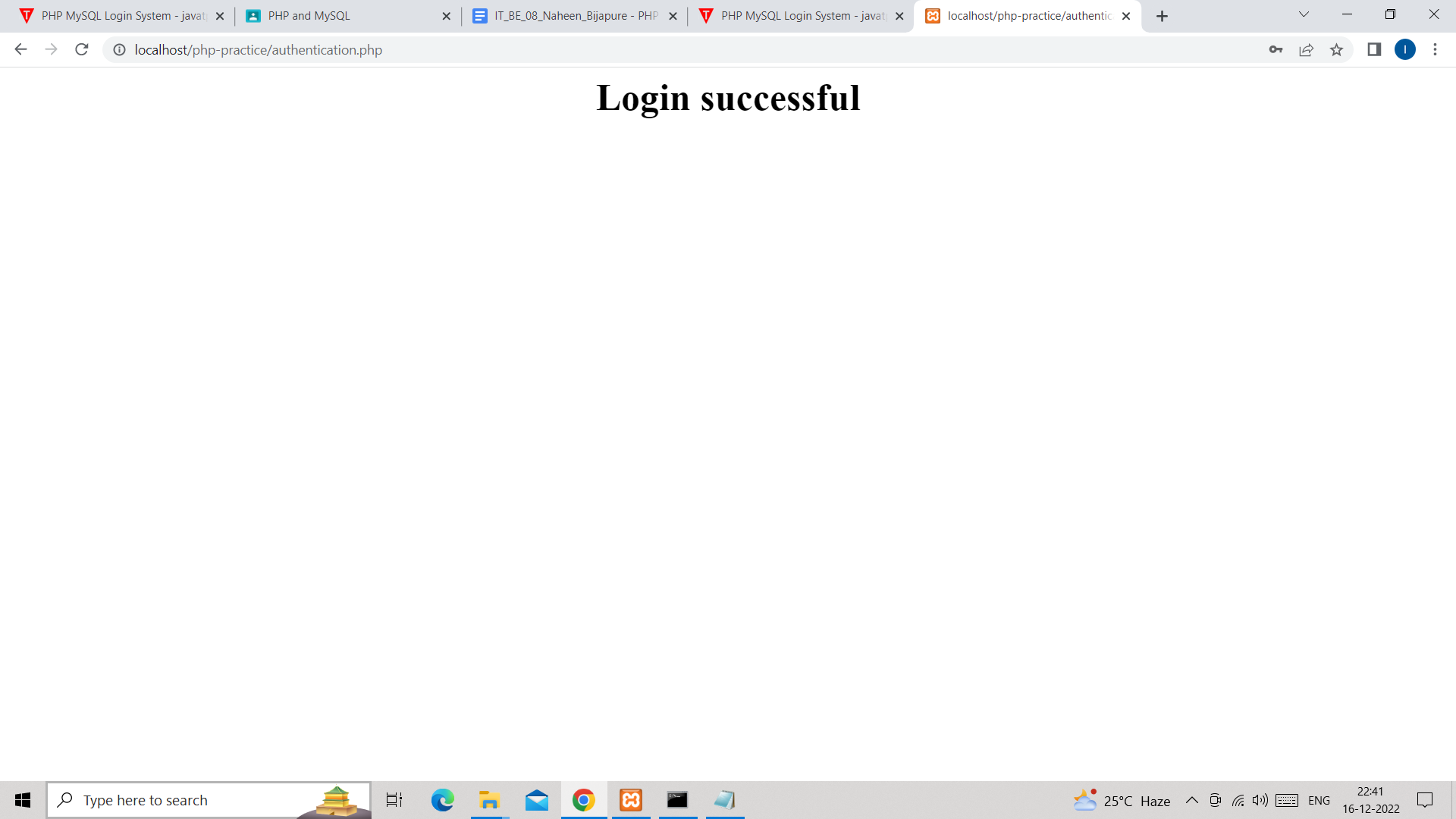
***Entering Incorrect Credential:***

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***Entering Correct Credential:***

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