National Institute of Technology, Tiruchirappalli

Department of Computer Applications

Web Technology and its Applications Lab
Lab 8

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MCA – 2nd Year

PHP

1) PHP program for contacts page.

```html
<!DOCTYPE html>

<html lang="en">



<head>

    <meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no">

    <title> Contact Form</title>

    <style>

        body {

            background-color: bisque;

            font-family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet
MS', sans-serif;

        }



        h1 {

            background-color: brown;

            color: azure;

            text-align: center;

            font-size: 40px;

        }
```

```
        input,

        textarea {

            padding: 5px;

        }


        .button {

            margin-top: 20px;

            background-color: brown;

            font-size: 20px;

            color: azure;

        }

    </style>

</head>


<body>

    <?php

    $nameErr = "";

    $emailErr = "";

    $genderErr = "";

    $websiteErr = "";

    $name = "";

    $email = "";

    $gender = "";

    $Number = "";

    $message = "";
```

```php
$subject = "";


if ($_SERVER["REQUEST_METHOD"] == "POST") {

    if (empty($_POST["name"])) {

        $nameErr = "Name is required";

    } else {

        $name = test_input($_POST["name"]);

    }

    if (empty($_POST["email"])) {

        $emailErr = "Email is required";

    } else {

        $email = test_input($_POST["email"]);

        if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {

            $emailErr = "Invalid email format";

        }

    }

    if (empty($_POST["course"])) {

        $Number = "";

    } else {

        $Number = test_input($_POST["course"]);

    }

    if (empty($_POST["class"])) {

        $message = "";

    } else {

        $message = test_input($_POST["class"]);
```

```php
        }

        if (empty($_POST["gender"])) {

            $genderErr = "Gender is required";

        } else {

            $gender = test_input($_POST["gender"]);

        }

        if (empty($_POST["subject"])) {

            $subjectErr = "You must select 1 or more";

        } else {

            $subject = $_POST["subject"];

        }

    }

    function test_input($data)

    {

        $data = trim($data);

        $data = stripslashes($data);

        $data = htmlspecialchars($data);

        return $data;

    }

    ?>

    <form method="POST" align="center" action="<?php echo
htmlspecialchars($_SERVER["PHP_SELF"]); ?>">

        <h1> Contact Form </h1> <br><br>

        <table align="center">

            <tr>
```

```html
            <td> <b> Enter Name: </b> </td>

            <td> <input type="text" name="name" placeholder="Full
Name">

                <span> <?php echo $nameErr; ?> </span>

            </td>

        </tr>

        <tr>

            <td> <b> Enter Email Address: </b> </td>

            <td> <input type="text" name="email" placeholder="E-mail">

                <span> <?php echo $emailErr; ?> </span>

            </td>

        </tr>

        <tr>

            <td> <b> Enter Phone Number: </b> </td>

            <td> <input type="text" name="course" placeholder="Phone
Number">

                <span> <?php echo $websiteErr; ?> </span>

            </td>

        </tr>

        <tr>

            <td> <b> Enter Message: </b> </td>

            <td> <textarea name="class" rows="5" cols="40"
placeholder="Message"></textarea> </td>

        </tr>

        <tr>

            <td> <b> Gender: </b> </td>
```

```php
            <td>

                <input type="radio" name="gender" value="yes"> <label
for="gender"> Male

                </label> <br>

                <input type="radio" name="gender" value="no"> <label
for="gender"> Female

                </label> <br>

                <span> <?php echo $genderErr; ?> </span>

            </td>

        </tr>


        <tr>

            <td> <b> I agree to the terms and conditions* </b> </td>

            <td> <input type="checkbox" name="checked" value="1"
required> </td>

            <?php if (!isset($_POST['checked'])) { ?>

            <?php } ?>

        </tr>

        <tr>

            <td colspan="2" align="center">

                <input class="button" type="submit" name="submit"
value="Submit">

            </td>

        </tr>

    </table>

  </form>

  <?php
```

```php
    echo "<hr>";

    echo "<h2> Thank you for contacting us!</h2>";

    echo ("<p><b>Your name:</b>  $name </p>");

    echo ("<p><b>Your email address:</b>  $email </p>");

    echo ("<p><b>Your Phone Number:</b>  $Number </p>");

    echo ("<p><b>Your message:</b> $message </p>");

    ?>
</body>


</html>
```

Contact Form

Enter Name: [Full Name]

Enter Email Address: [E-mail]

Enter Phone Number: [Phone Number]

Enter Message: [Message]

Gender: ○ Male ○ Female

I agree to the terms and conditions* ☐

[Submit]

Contact Form

Enter Name: [Akriti Upadhyay]

Enter Email Address: [akriti1099@gmail.com]

Enter Phone Number: [8888800000]

Enter Message: [Hello, this is my Message]

Gender: ○ Male ● Female

I agree to the terms and conditions* ☑

[Submit]

Thank you for contacting us!

Your name: Akriti Upadhyay

Your email address: akriti1099@gmail.com

Your Phone Number: 8888800000

Your message: Hello, this is my Message

---

2) User Authentication:

Assume four users user1, user2, user3 and user4 having the passwords pwd1,pwd2,pwd3 and pwd4 respectively. Write a PHP for doing the following.

A). Create a Cookie and add these four user ID"s and passwords to this Cookie.

B). Read the user id and passwords entered in the Login form (create one login form) and authenticate with the values (user id and passwords) available in the cookies. If he is a valid user (i.e., user-name and password match) you should welcome him by name (user-name) else you should display "You are not an authenticated user

- login.php

```php
<?php

setcookie("uid1", "user1");
```

```php
setcookie("pwd1", "pwd1");

setcookie("uid2", "user2");

setcookie("pwd2", "pwd2");

setcookie("uid3", "user3");

setcookie("pwd3", "pwd3");

setcookie("uid4", "user4");

setcookie("pwd4", "pwd4");

?>
```
```html
<!DOCTYPE html>

<html>


<head>

    <title>User Authentication</title>

    <style>

        body {

            background-color: pink;

            font-family: 'Gill Sans', 'Gill Sans MT', Calibri,
'Trebuchet MS', sans-serif;

        }

    </style>

</head>


<body>

    <h1 align="center">LOGIN</h1>

    <form action="authenticate.php" method="POST">
```

```html
        <table align="center" cellspacing="10">

            <tr>

                <td><b>Enter Username:</b></td>

                <td><input name="uid" type="text"></td>

            </tr>

            <tr>

                <td><b>Enter Password:</b></td>

                <td><input name="pwd" type="password"></td>

            </tr>

            <tr>

                <td colspan="2" align="center">

                    <input type="submit" name="submit" value="Login">

                         

                    <input type="reset" value="Clear">

                </td>

            </tr>

        </table>

    </form>

</body>


</html>
```
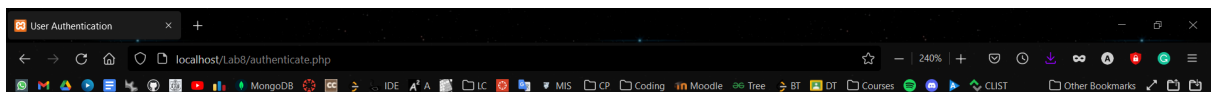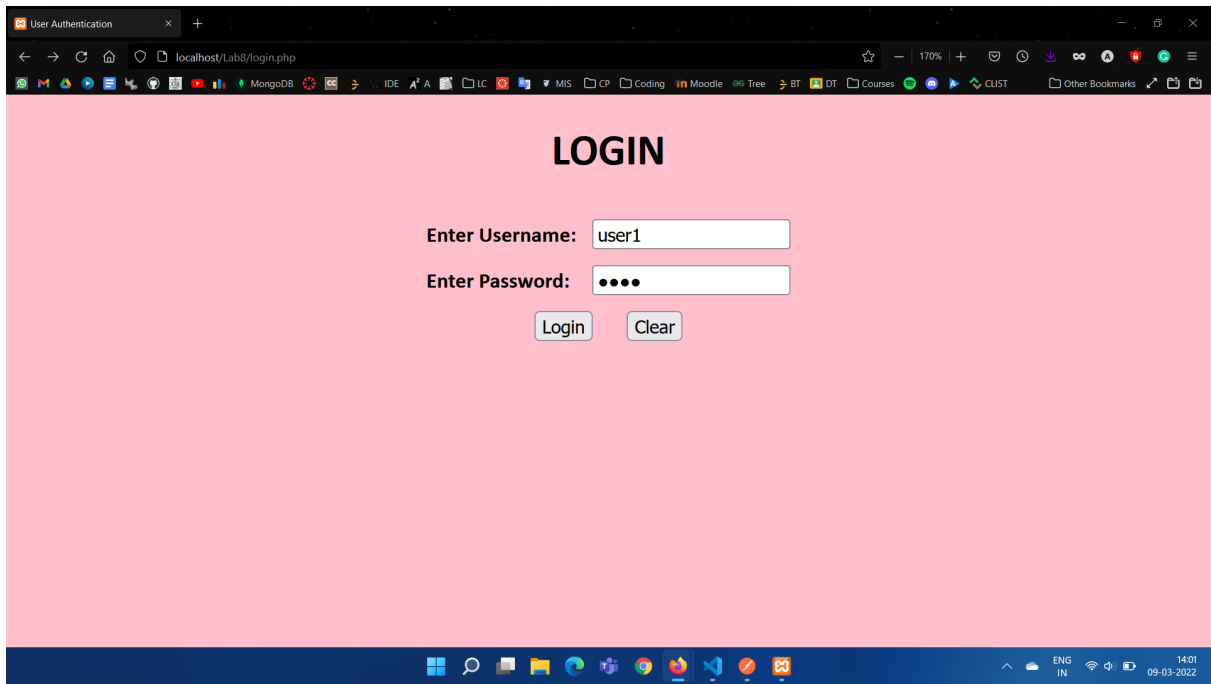
- authenticate.php

```html
<!DOCTYPE html>
```

```php
<html>


<head>

    <title>User Authentication</title>

</head>


<body>

    <?php

    // user1

    if ($_POST["uid"] == $_COOKIE["uid1"] && $_POST["pwd"] ==
$_COOKIE["pwd1"]) {

        echo "Welcome " . $_POST["uid"];

    }

    // user2

    else if ($_POST["uid"] == $_COOKIE["uid2"] && $_POST["pwd"] ==
$_COOKIE["pwd2"]) {

        echo "Welcome " . $_POST["uid"];

    }

    // user3

    else if ($_POST["uid"] == $_COOKIE["uid3"] && $_POST["pwd"] ==
$_COOKIE["pwd3"]) {

        echo "Welcome " . $_POST["uid"];

    }

    // user4

    else if ($_POST["uid"] == $_COOKIE["uid4"] && $_POST["pwd"] ==
$_COOKIE["pwd4"]) {

        echo "Welcome " . $_POST["uid"];
```

```php
    }

    // not authenticated

    else {

        echo "Sorry, You are not an Authenticated User!!";

    }

    ?>
</body>


</html>
```
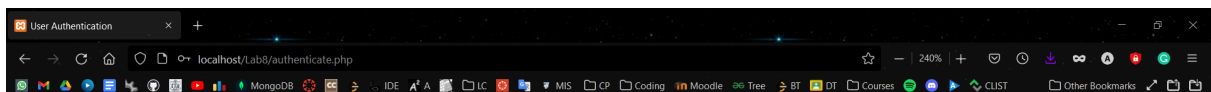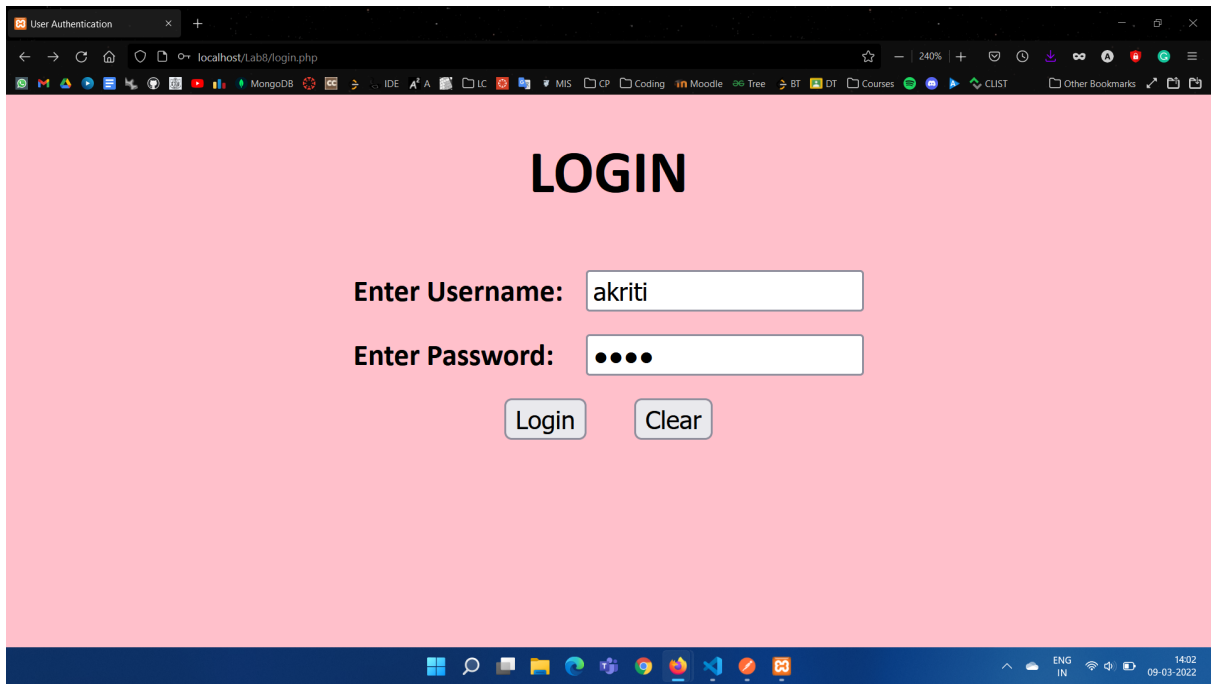
LOGIN

Enter Username: user1

Enter Password: ••••

Login   Clear

Welcome user1

Sorry, You are not an Authenticated User!!

X-X-X-X