Lab 5

1. Create a page named index.php page as following.
   Create a registration.php page for registration process of a new user as
   following with following validations.
   Validations:
   User Name cannot be empty and of less than 11 characters.
   Passwords fields cannot be empty and both must be same of length 6 to 10.
   For gender selection only one option can be opted.

Home.php:

```php
<?php
        session_start();
        if(isset($_POST['submit'])){
                if(isset($_POST['username']) && isset($_POST['password'])){
                        if($_POST['username'] == "juzar" && $_POST['password'] == "antri"){
                                $_SESSION['name'] = $_POST['username'];
                                echo "<table border='1'> ";
                                echo "<tr>";
                                echo "<td><h1>Home Page</h1></td>";
                                echo "<td><a href='logout.php'>Signout</a></td>";
                                echo "</tr>";
                                echo "<tr>";
                                echo "</tr>";
                                echo "<td colspan='2'>Welcome " . $_POST['username'] . "</td>";
                                echo "</table>";
                        }else{
                                echo "Incorrect Username/Password";
                        }
                }
        }
?>
```

index.php:

```php
<?php
        session_start();
        if (!empty($_SESSION['error'])){
                echo $_SESSION['error'];
        }
        unset($_SESSION['error']);
?>
<form action="home.php" method="POST">
        <table border="1">
                <tr>
                        <td>Username:</td>
```

```
                        <td><input type="text" name="username"></td>
            </tr>
            <tr>

                        <td>Password:</td>
                        <td><input type="Password" name="password"></td>
            </tr>
            <tr>

                        <td><input type="submit" name="submit" value="Submit Query"></td>
                        <td><input type="Reset" name=""></td>
            </tr>
            <tr>

                        <td colspan="2"><a href="registration.php">Newuser</a></td>
            </tr>
        </table>
</form>
```

Logout.php:

```
w<?php
        session_start();
        echo "Your are signed out Click <a href='index.php'>Here</a> to login again" ;
        unset($_SESSION['name']);
?>
```

Notification.php:

```
<?php
        session_start();
        if(!empty($_POST['uname']) && !empty($_POST['pass'])){
                    if($_FILES['file']['type'] == "image/png" && $_FILES['file']['size'] <= 300000){
                            echo "You are registered";
                            echo "<table border='1 solid'>";
                                    echo "<tr>";
                                    echo "<td>Username:</td>";
                                    echo "<td>" . $_POST['uname'] . "</td>";
                                    echo "<td rowspan=7>";
                                    $location='D:/Workspace/DDU SEM 4 PROGRAMS/DM/Lab 5/Task 1/';

        if(move_uploaded_file($_FILES['file']['tmp_name'],$location.$_FILES['file']['name'])){
                                            echo '<img src ="'.$_FILES['file']['name'].'" width=100px
height=100px/>';
                                    }
                                    echo "</td>";
                                    echo "</tr>";
                                    echo "<tr>";
                                    echo "<td>Gender:</td>";
                                    echo "<td>" . $_POST['gen'] . "</td>";
                                    echo "</tr>";
                                    echo "<tr>";
                                    echo "<td>Date of birth[YYYY-MM-DD]:</td>";
                                    echo "<td>" . $_POST['date'] . "</td>";
                                    echo "</tr>";
```

```php
                                echo "<tr>";
                                $temp = $_POST['in'];
                                if($temp[0]){
                                        echo "<td>Training:</td>";
                                        echo "<td>" . $temp[0] . "</td>";
                                        echo "</tr>";
                                }else{
                                        echo "<td>Training:</td>";
                                        echo "<td>" . 'Not interested' . "</td>";
                                        echo "</tr>";
                                }
                                if($temp[1]){
                                        echo "<td>Placement:</td>";
                                        echo "<td>" . $temp[1] . "</td>";
                                        echo "</tr>";
                                }else{
                                        echo "<td>Placement:</td>";
                                        echo "<td>" . 'Not interested' . "</td>";
                                        echo "</tr>";
                                }
                                echo "<td>Achievements:</td>";
                                echo "<td>" . $_POST['achievements'] . "</td>";
                                echo "</tr>";
                                echo "<tr>";
                                echo "<td colspan=2><a href='../Task 1/'>Return Home</a></td>";
                                echo "</tr>";
                        echo "</table>";
                }else{
                        $_SESSION['error'] = "Either file type is not appropriate or is greater than 300kb";
                        header("Location: index.php");
                        die();
                }
        }else {
                echo "Username or password empty";
        }

?>
```

Registration.php:

```html
<form method="POST" action="notification.php" name="myForm" enctype="multipart/form-data" required>
        <table border="1">
                <tr>
                        <td colspan="3">*Required field</td>
                </tr>
                <tr>
                        <td colspan="1">*Username:</td>
                        <td colspan="2"><input type="text" maxlength="11" minlength="1"
name="uname"></td>
                </tr>
```

```html
			<tr>
				<td colspan="1">*Email Address:</td>
				<td colspan="2"><input type="text" name="email"></td>
			</tr>
			<tr>
				<td colspan="1">*Password:</td>
				<td colspan="2"><input type="Password" name="pass" minlength="6"
maxlength="10"></td>
			</tr>
			<tr>
				<td colspan="1">*Confirm Password:</td>
				<td colspan="2"><input type="Password" name="" minlength="6"
maxlength="10"></td>
			</tr>
			<tr>
				<td colspan="1">*Gender:</td>
				<td colspan="2"><input type="radio" name="gen" value="Female">Female
&nbsp<input type="radio" value="Male" name="gen">Male</td>
			</tr>
			<tr>
				<td colspan="1">*Birth date:</td>
				<td colspan="2"><input type="date" name="date"></td>
			</tr>
			<tr>
				<td colspan="1">*Interested in:</td>
				<td colspan="2"><input type="checkbox" name="in[]" value="Interested">Training
&nbsp<input type="checkbox" name="in[]" value="Interested">Placement</td>
			</tr>
			<tr>
				<td colspan="3">Achievements:</td>
			</tr>
			<tr>
				<td colspan="3"><textarea name="achievements" rows="10"
cols="40"></textarea></td>
			</tr>
			<tr>
				<td colspan="1">*Select your file:</td>
				<td colspan="2"><input type="file" name="file"></td>
			</tr>
			<tr>
				<td colspan="1"><input type="submit" name="submit"></td>
				<td colspan="1"><input type="reset" name=""></td>
				<td colspan="1"><a href="../Task 1/">Home</a></td>
			</tr>
		</table>
</form>
```
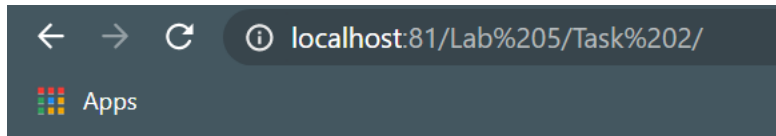
Output:

*Required field	
*Username:	juzar
*Email Address:	juzarantri786@gmail.com
*Password:	••••••
*Confirm Password:	••••••
*Gender:	○ Female ● Male
*Birth date:	04 / 15 / 2021 📅
*Interested in:	☑ Training ☑ Placement
Achievements:	
*Select your file:	Choose File sem4 time table.png
Submit	Reset Home

You are registered

Username:	juzar	
Gender:	Male	
Date of birth[YYYY-MM-DD]:	2021-04-15	
Training:	Interested	
Placement:	Interested	
Achievements:		
Return Home		

2. Write a php code that open a file and read the first ten characters from it.

Code:

```php
<?php
    $file = fopen('temp.txt', 'r');
    echo fread($file, 10);
    fclose($file)
?>
```

Output:

hello i am

3. Write a php code that open a file and read first character at current position.

Code:

```php
<?php
    $file = fopen('temp.txt', 'r');
    echo fread($file,ftell($file)+1);
    fclose($file)
?>
```

Output:
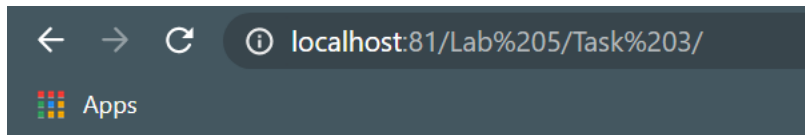
h

4. Write a php code that shows the difference between fgets() and fgetss().

Code:

```php
<?php
    $file = fopen('temp.txt', 'r');
    echo "fgets function does treats the html tag as html elements<br>";
    echo fgets($file);
    echo "<br>fgetss function does not treats the html tag as html elements and simply ignores it<br>";
    echo "<b>Its error bcz fgetss is depriicated</b>";
    fseek($file, 0);
    echo fgetss($file);
    fclose($file);
?>
```

Output:

fgets function does treats the html tag as html elements

hello i am **juzar** from bhavnagar.

fgetss function does not treats the html tag as html elements and simply ignores it

Its error bcz fgetss is depriicated

Fatal error: Uncaught Error: Call to undefined function fgetss() in D:\Workspace\DDU SEM 4 PROGRAMS\DM\Lab 5\Task 4\index.php:8 Stack trace: #0 {main} thrown in **D:\Workspace\DDU SEM 4 PROGRAMS\DM\Lab 5\Task 4\index.php** on line 8

5. Write a php code that checks whether a file exist or not and if does exist than it renames it.

Code:

```php
<?php
        if(file_exists('temp.txt')){
                rename('temp.txt','new.txt');
                echo "file renamed successfully";
        }else {
                echo "File does not exists";
        }
?>
```
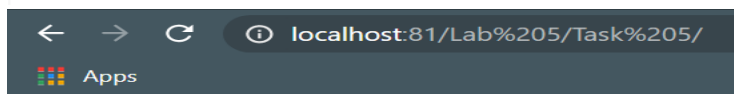
Output:
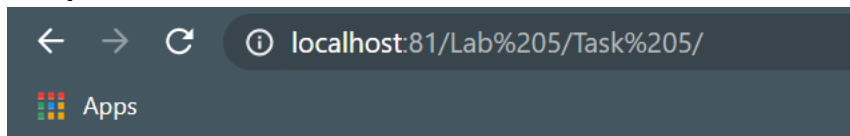
File does not exists

⊳ Workspace (D:) ⊳ Workspace ⊳ DDU SEM 4 PROGRAMS ⊳ DM ⊳ Lab 5 ⊳ Task 5

Name	Date modified	Type	Size
📄 index.php	4/24/2021 5:02 PM	PHP File	1 KB
📄 temp.txt	4/22/2021 5:55 PM	Text Document	0 KB

file renamed successfully