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| --- | --- | --- | --- | --- | --- |
| Programme | : | **B.Tech.** | Semester | : | **Fall 22-23** |
| Course | : | **CSE3002:**  **Internet and Web Programming Lab** | Slot | : | **L9+L10** |
| Faculty | : | **Dr. M. Premalatha** | Marks | : | **10** |

**Date: 18-10-2022**

Advait Deochakke

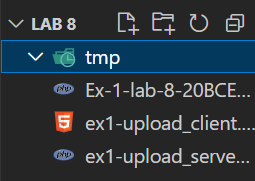
20BCE1143

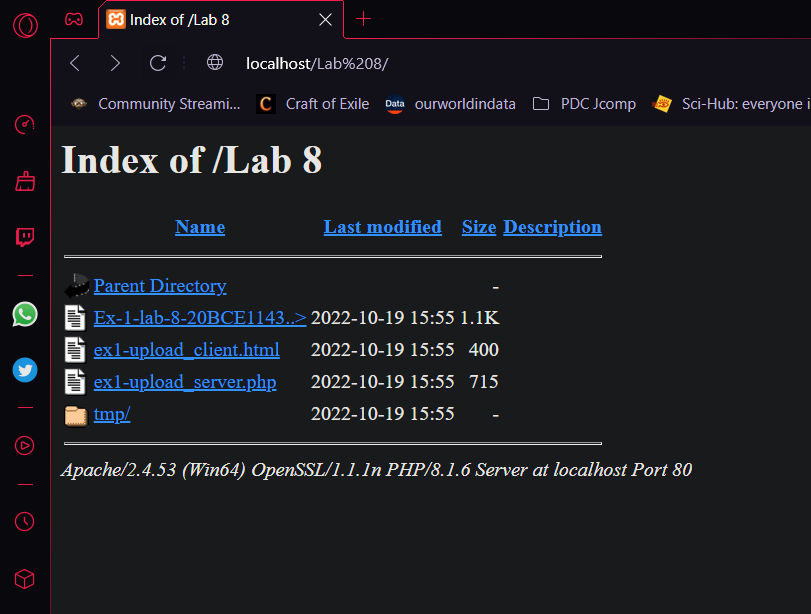
**Exercise –8**

PHP – MySQL

**Note:**

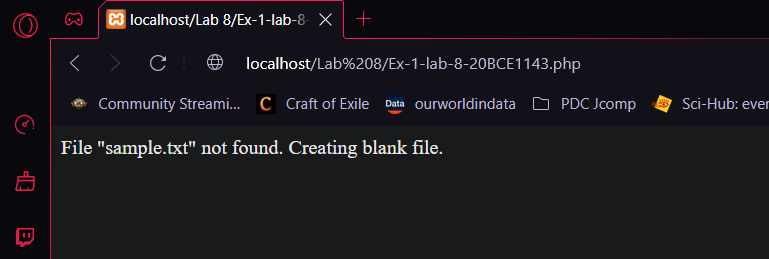
1. **View your registration number in the title bar and snap a screenshot of output along with the title bar.**
2. **Screenshot is required for every modifications of the web page.**
3. Write a PHP program to perform the following file operations:



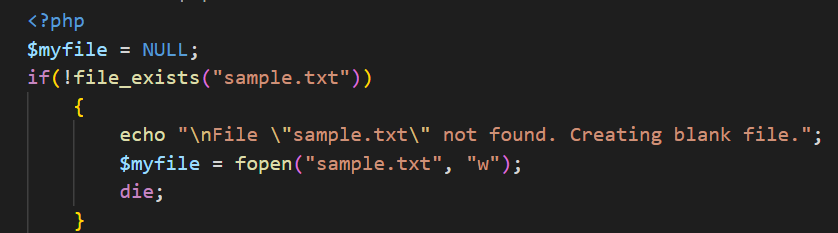


<Full code after question>

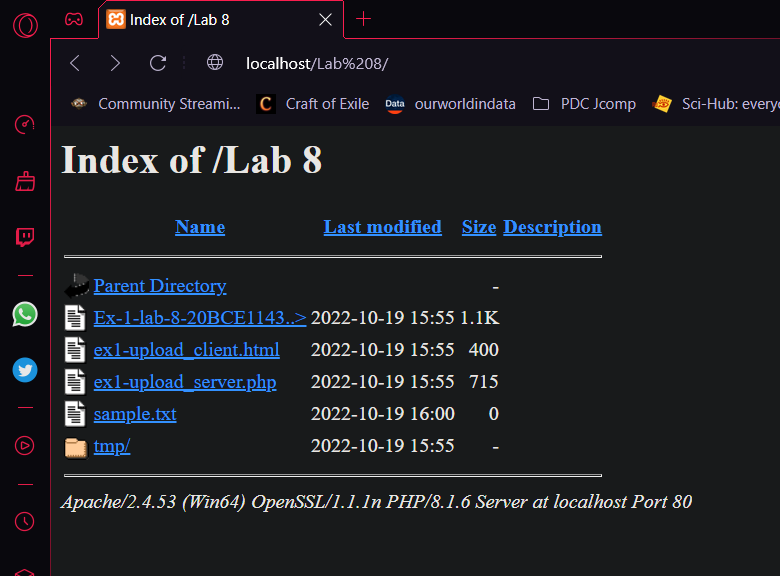
1. Open a text file named **sample.txt**. If file not exists, your program should raise an error message and create a new file.

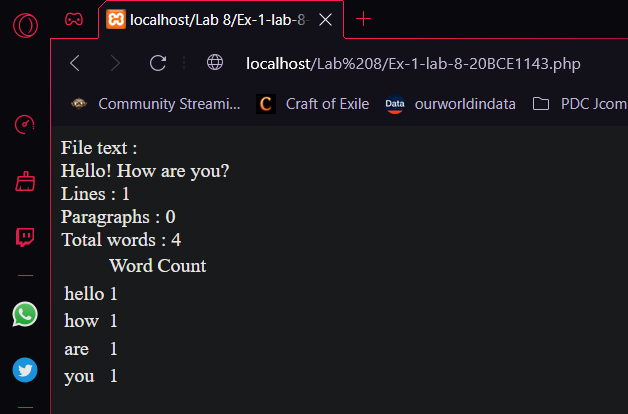


Code screenshot:

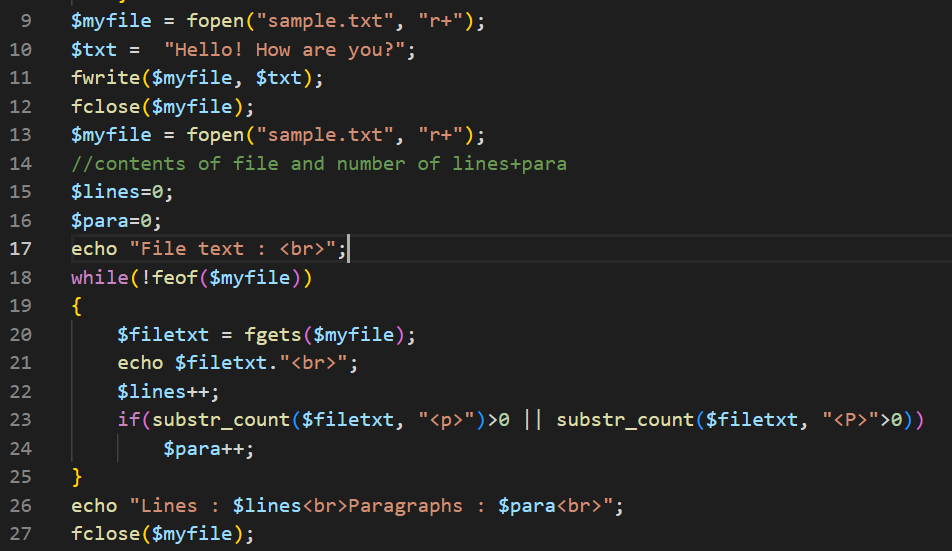


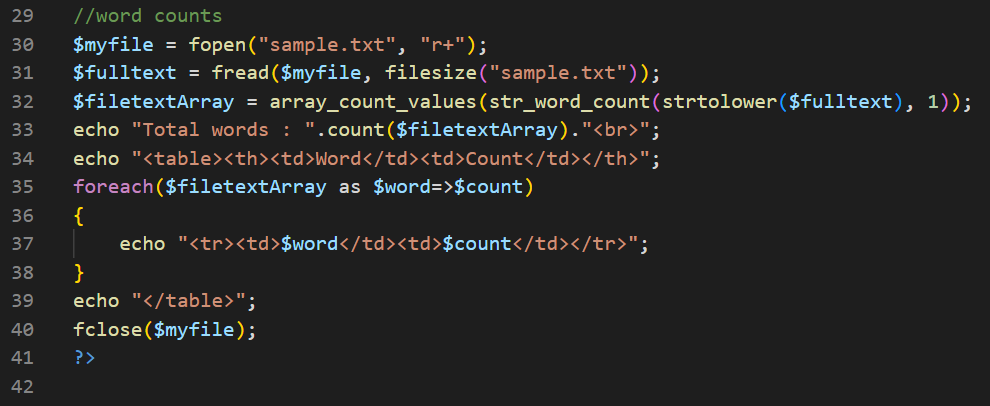
1. Append the data “**Hello! How are you?”** to that file.
2. Count and print the number of lines and paragraphs in that file.
3. Count the number of words and print on a web page how many times the word appears in the file.



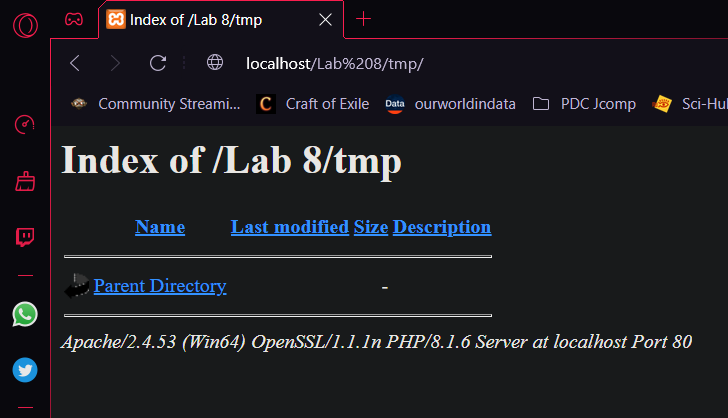


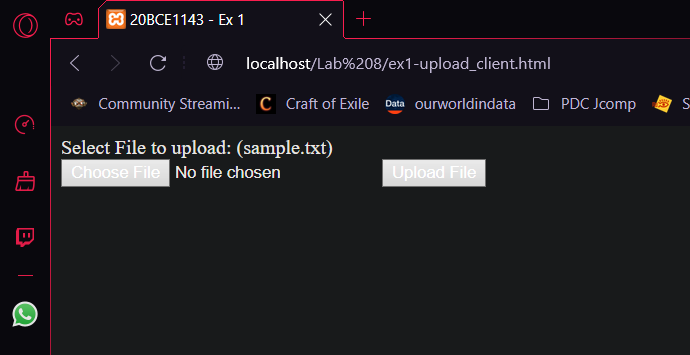
Code:

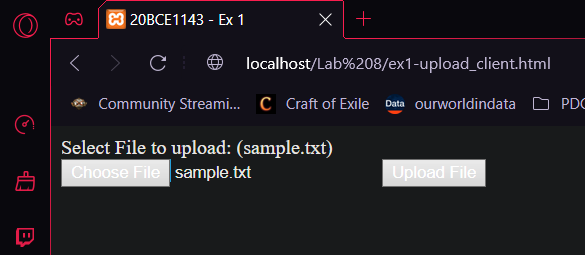


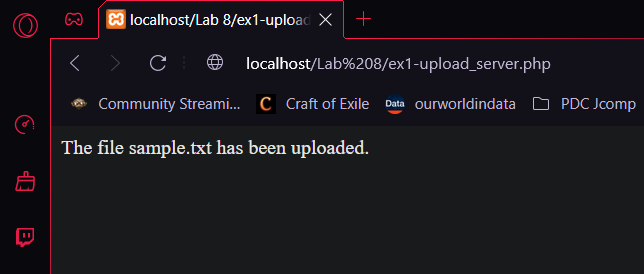


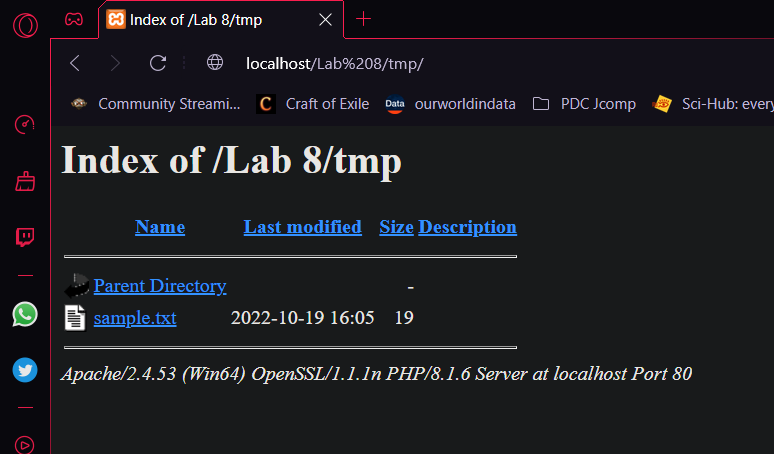
1. Upload the file to the any /temp directory.



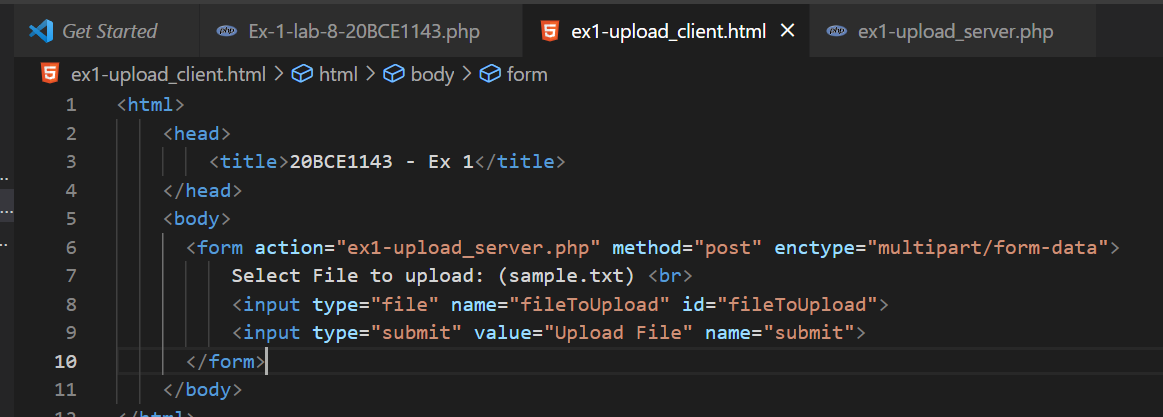


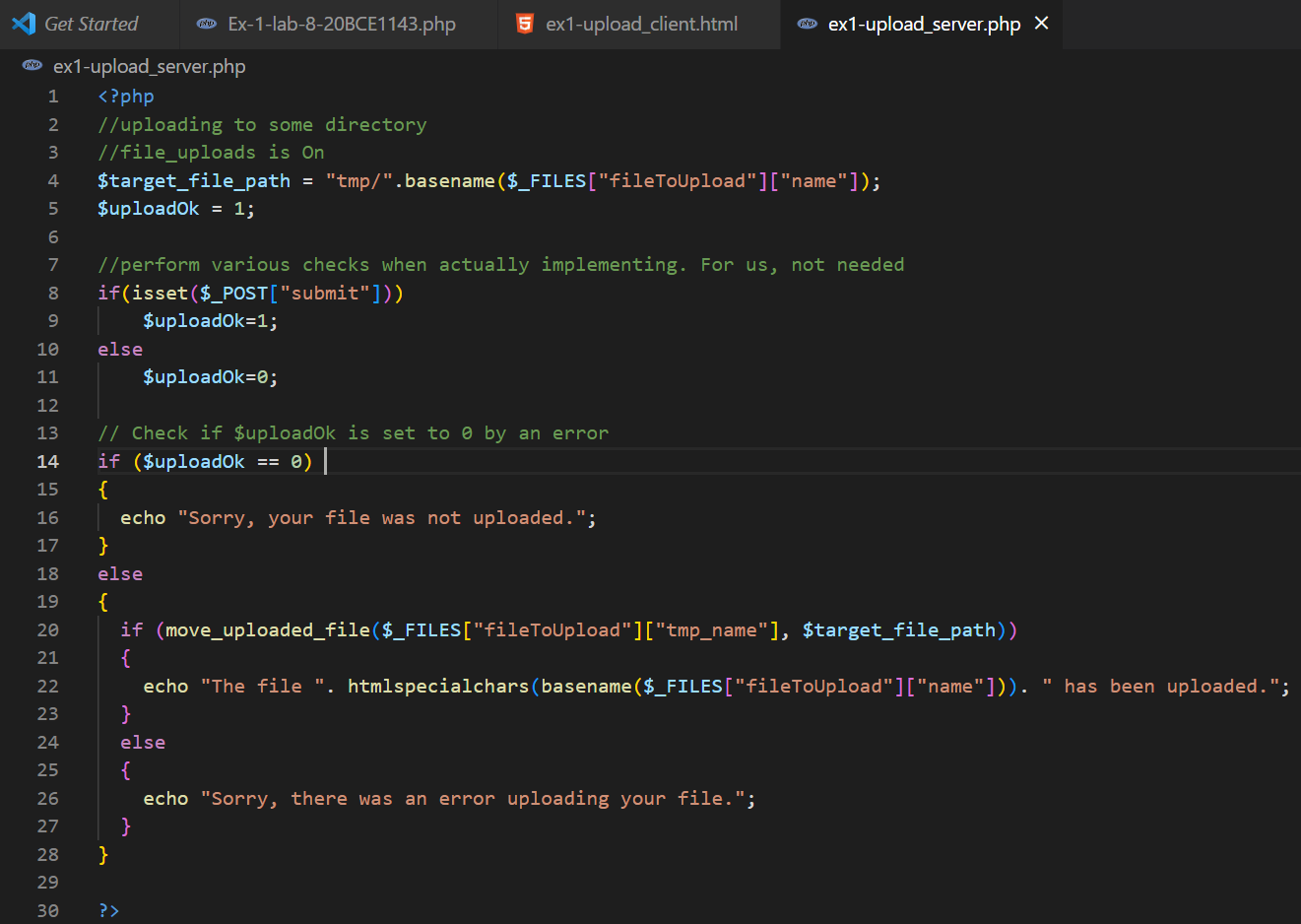






Code:





Full Code : First few questions →

<?php

$myfile = NULL;

if(!file\_exists("sample.txt"))

    {

        echo "\nFile \"sample.txt\" not found. Creating blank file.";

        $myfile = fopen("sample.txt", "w");

        die;

    }

$myfile = fopen("sample.txt", "r+");

$txt =  "Hello! How are you?";

fwrite($myfile, $txt);

fclose($myfile);

$myfile = fopen("sample.txt", "r+");

//contents of file and number of lines+para

$lines=0;

$para=0;

echo "File text : <br>";

while(!feof($myfile))

{

    $filetxt = fgets($myfile);

    echo $filetxt."<br>";

    $lines++;

    if(substr\_count($filetxt, "<p>")>0 || substr\_count($filetxt, "<P>">0))

        $para++;

}

echo "Lines : $lines<br>Paragraphs : $para<br>";

fclose($myfile);

//word counts

$myfile = fopen("sample.txt", "r+");

$fulltext = fread($myfile, filesize("sample.txt"));

$filetextArray = array\_count\_values(str\_word\_count(strtolower($fulltext), 1));

echo "Total words : ".count($filetextArray)."<br>";

echo "<table><th><td>Word</td><td>Count</td></th>";

foreach($filetextArray as $word=>$count)

{

    echo "<tr><td>$word</td><td>$count</td></tr>";

}

echo "</table>";

fclose($myfile);

?>

Last Question →

HTML

<html>

    <head>

        <title>20BCE1143 - Ex 1</title>

    </head>

    <body>

      <form action="ex1-upload\_server.php" method="post" enctype="multipart/form-data">

          Select File to upload: (sample.txt) <br>

          <input type="file" name="fileToUpload" id="fileToUpload">

          <input type="submit" value="Upload File" name="submit">

      </form>

    </body>

</html>

CSS :

<?php

//uploading to some directory

//file\_uploads is On

$target\_file\_path = "tmp/".basename($\_FILES["fileToUpload"]["name"]);

$uploadOk = 1;

//perform various checks when actually implementing. For us, not needed

if(isset($\_POST["submit"]))

    $uploadOk=1;

else

    $uploadOk=0;

// Check if $uploadOk is set to 0 by an error

if ($uploadOk == 0)

{

  echo "Sorry, your file was not uploaded.";

}

else

{

  if (move\_uploaded\_file($\_FILES["fileToUpload"]["tmp\_name"], $target\_file\_path))

  {

    echo "The file ". htmlspecialchars(basename($\_FILES["fileToUpload"]["name"])). " has been uploaded.";

  }

  else

  {

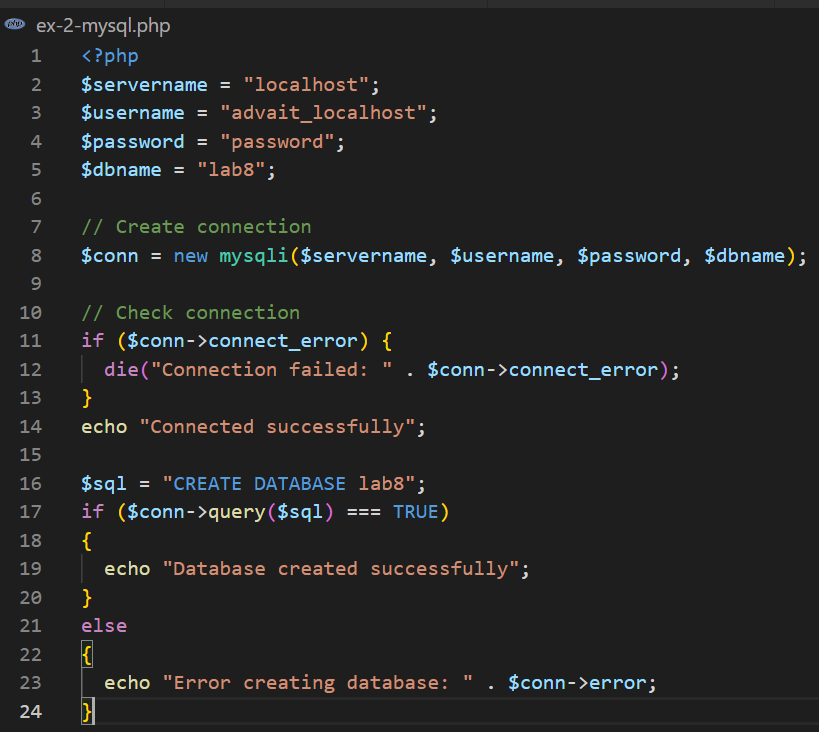
    echo "Sorry, there was an error uploading your file.";

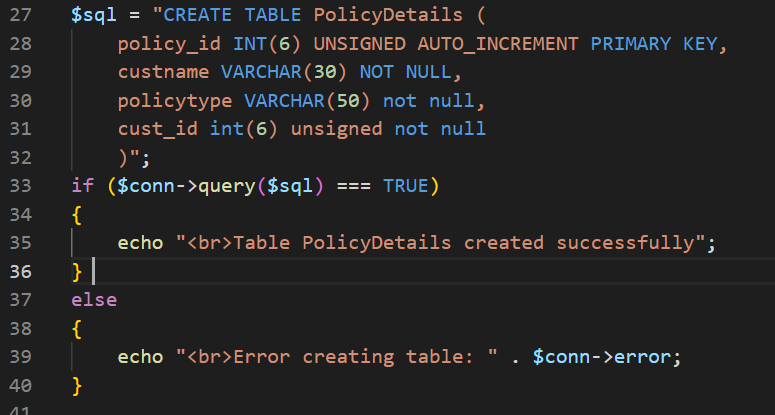
  }

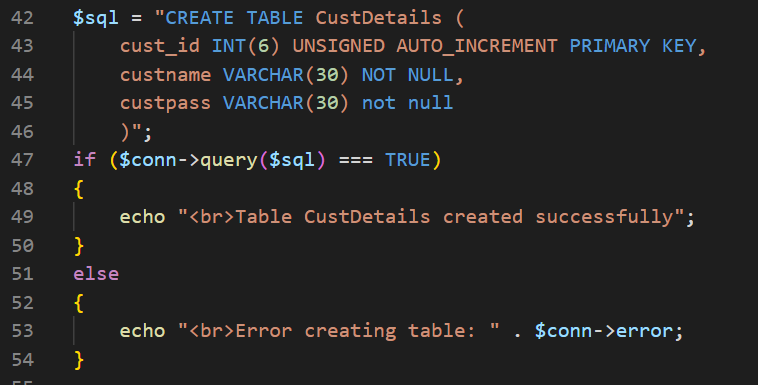
}

?>

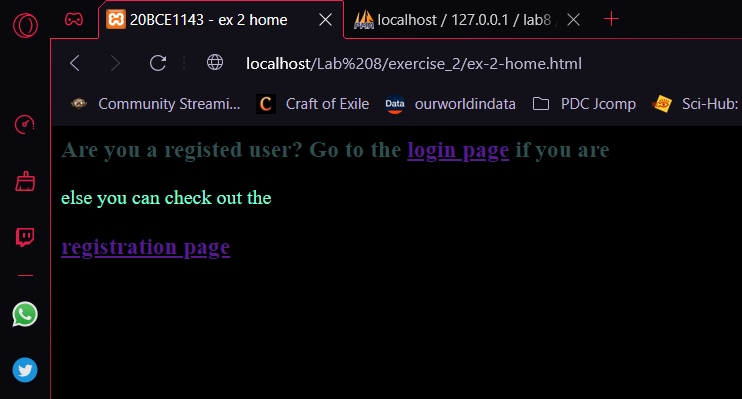
1. Develop the website for insurance company for their customers using HTML, PHP, MySQL (10 marks)
2. Create a database of customers with policy details







1. Create a Login screen with sign-up and sign-in options



Code:

<head>

    <title>

        20BCE1143 - ex 2 home

    </title>

</head>

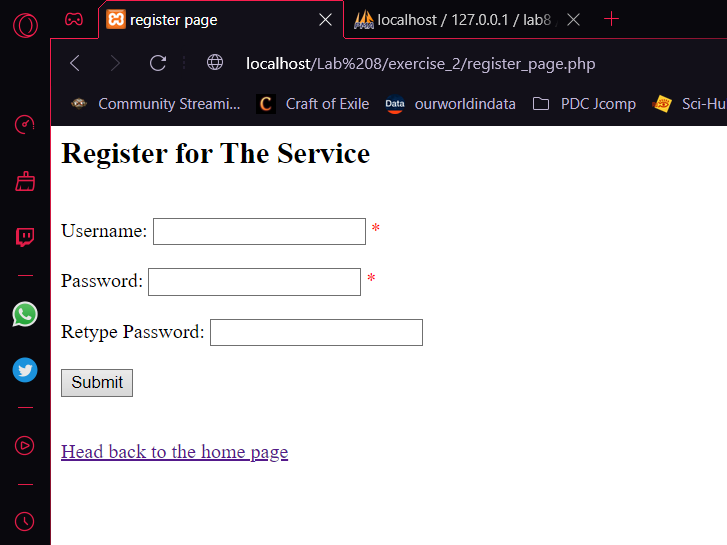
<body style="background-color:black; color: aquamarine;">

    <h3 style="color:darkslategray;">Are you a registed user? Go to the <a href="login\_page.php">login page</a> if you are<br></h3>

    else you can check out the <br>

    <h3 style="color:darkslategray;"><a href="register\_page.php">registration page</a></h3>

</body>



Code:

<head>

    <title>register page</title>

    <style>

            .error

            {

                color:red;

            }

    </style>

</head>

<body>

    <?php

        //Note: implementing without sessions and password hashing, as should be done ideally.

        $servername = "localhost";

        $username = "advait\_localhost";

        $password = "password";

        $dbname = "lab8";

        // Create connection

        $conn = new mysqli($servername, $username, $password, $dbname);

        // Check connection

        if ($conn->connect\_error) {

        die("<br>Connection failed: " . $conn->connect\_error);

        }

        //echo "<br>Connected successfully";

        $nameErr = "";

        $pwdErr = "";

        $repwdErr = "";

        $mysql = "";

        if($\_SERVER["REQUEST\_METHOD"] == "POST")

        {

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

            {

                $nameErr = "Required to Enter Name";

            }

            else if (empty($\_POST["pwd"]))

            {

                $pwdErr = "Required to Enter Password";

            }

            else if (empty($\_POST["repwd"]))

            {

                $repwdErr = "Required to Enter Retype Password";

            }

            else

            {

                $enteredpwd = test\_input($\_POST["pwd"]);

                $retypedpwd = test\_input($\_POST["repwd"]);

                if($enteredpwd==$retypedpwd)

                {

                    $custname = test\_input($\_POST["name"]);

                    $sql = "Insert into CustDetails (custname, custpass) values ('$custname', '$enteredpwd')";

                    if(mysqli\_query($conn, $sql))

                    {

                        $last\_id = $conn->insert\_id;

                        echo "New record created successfully for customer name $custname<br>";

                        echo "Your customer ID is : $last\_id <br><br>";

                    }

                    else

                    {

                        echo "Error: <br>".mysqli\_error($conn);

                    }

                }

                else

                {

                    echo "Passwords dont match<br>";

                }

            }

        }

        function test\_input($data) {

            $data = trim($data);

            $data = stripslashes($data);

            $data = htmlspecialchars($data);

            return $data;

            }

    ?>

    <h2> Register for The Service </h2><br>

    <form method="post" action="<?php echo htmlspecialchars($\_SERVER["PHP\_SELF"]);?>">

        Username: <input type="text" name="name">

        <span class="error">\* <?php echo $nameErr;?></span>

        <br><br>

        Password: <input type="password" name="pwd">

        <span class="error">\* <?php echo $pwdErr;?></span>

        <br><br>

        Retype Password: <input type="password" name="repwd">

        <span class="error"><?php echo $repwdErr;?></span>

        <br><br>

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

    </form>

    <?php

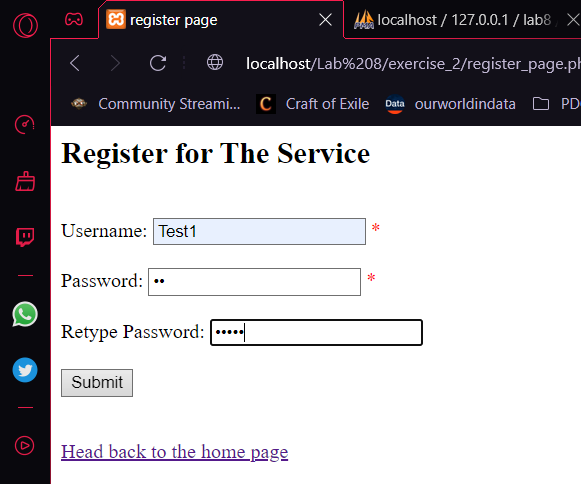
        $conn->close();

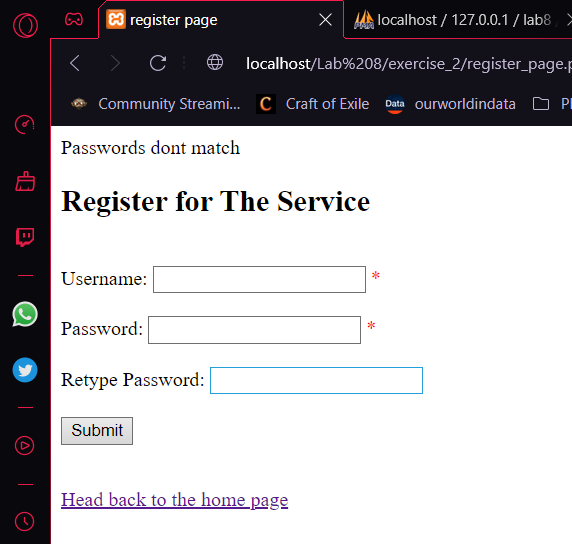
    ?>

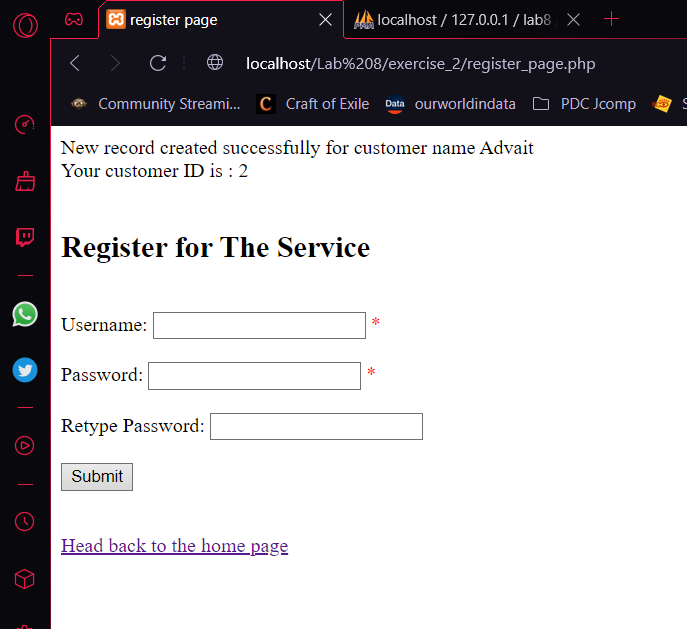
    <br>

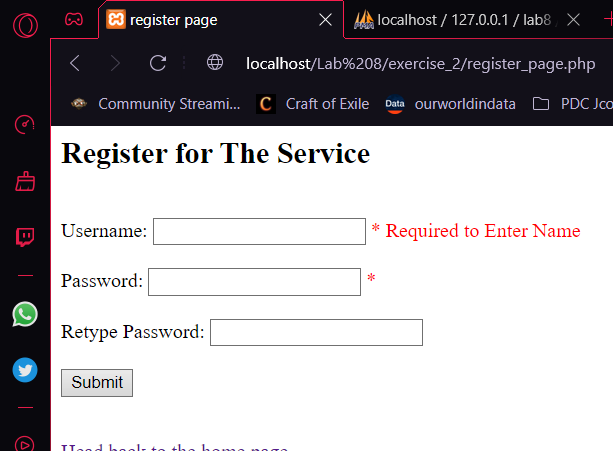
    <a href="ex-2-home.html">Head back to the home page</a>

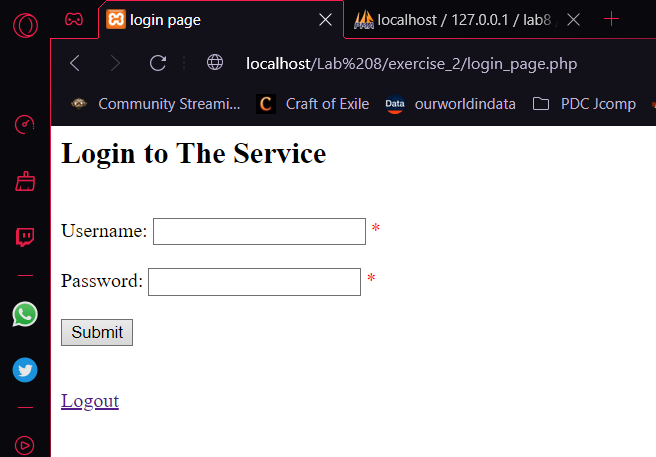
</body>











Code:

<head>

    <title>login page</title>

    <style>

            .error

            {

                color:red;

            }

    </style>

</head>

<body>

    <?php

        //Note: implementing without sessions and password hashing, as should be done ideally.

        $servername = "localhost";

        $username = "advait\_localhost";

        $password = "password";

        $dbname = "lab8";

        // Create connection

        $conn = new mysqli($servername, $username, $password, $dbname);

        // Check connection

        if ($conn->connect\_error) {

        die("<br>Connection failed: " . $conn->connect\_error);

        }

        //echo "<br>Connected successfully";

        $nameErr = "";

        $pwdErr = "";

        $mysql = "";

        if($\_SERVER["REQUEST\_METHOD"] == "POST")

        {

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

            {

                $nameErr = "Required to Enter Name";

            }

            else if (empty($\_POST["pwd"]))

            {

                $pwdErr = "Required to Enter Password";

            }

            else

            {

                $enteredname = test\_input($\_POST["name"]);

                $enteredpwd = test\_input($\_POST["pwd"]);

                $sql = "select cust\_id from CustDetails where custname='$enteredname' and custpass='$enteredpwd'";

                $result = mysqli\_query($conn, $sql);

                if(mysqli\_num\_rows($result)==1)

                {

                    $row = $result->fetch\_assoc();

                    $custid = $row["cust\_id"];

                    $sql = "select policy\_id, custname, policytype from policydetails where cust\_id=$custid";

                    $poliresult = mysqli\_query($conn, $sql);

                    if($poliresult->num\_rows > 0)

                    {

                        echo "<table><th><td>Policy ID</td><td>Policy Type</td></th>";

                        while($row = $poliresult->fetch\_assoc())

                        {

                            echo "<tr><td>".$row["policy\_id"]."</td><td>".$row["policytype"]."</td></tr>";

                        }

                        echo "</table><br>";

                    }

                    else

                    {

                        echo "No policies registered ! <br>";

                        echo "Cust name : $enteredname<br>";

                    }

                }

                else

                {

                    echo "Incorrect Username or Password<br>";

                }

            }

        }

        function test\_input($data) {

            $data = trim($data);

            $data = stripslashes($data);

            $data = htmlspecialchars($data);

            return $data;

            }

    ?>

    <h2> Login to The Service </h2><br>

    <form method="post" action="<?php echo htmlspecialchars($\_SERVER["PHP\_SELF"]);?>">

        Username: <input type="text" name="name">

        <span class="error">\* <?php echo $nameErr;?></span>

        <br><br>

        Password: <input type="password" name="pwd">

        <span class="error">\* <?php echo $pwdErr;?></span>

        <br><br>

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

    </form>

    <?php

        $conn->close();

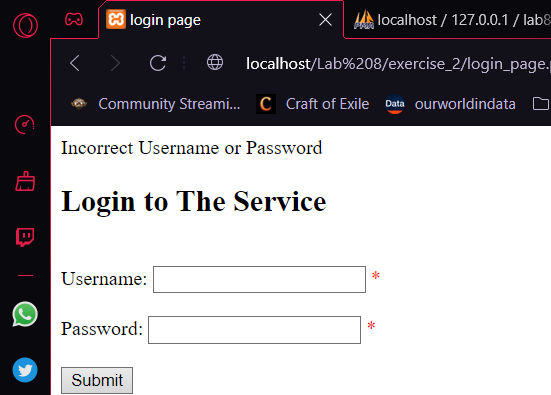
    ?>

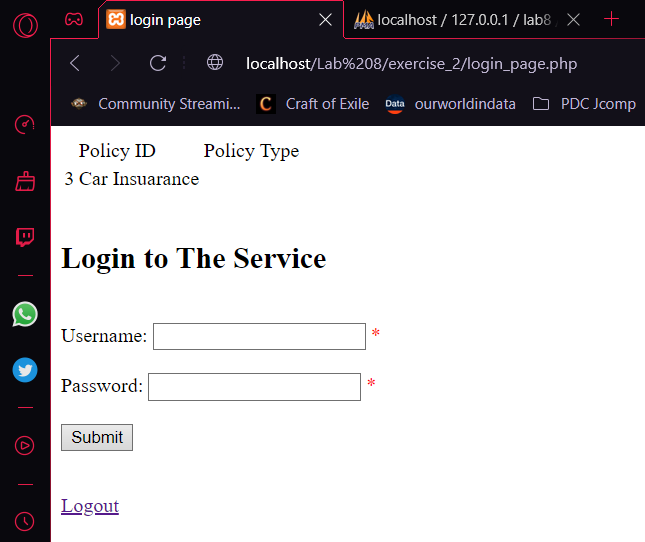
    <br>

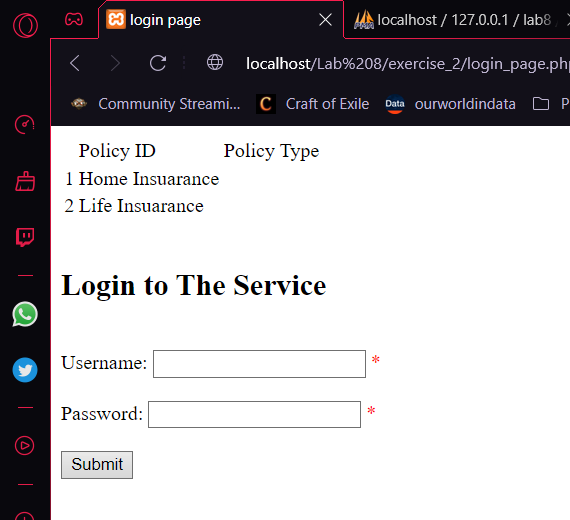
    <a href="ex-2-logout.html">Logout</a>

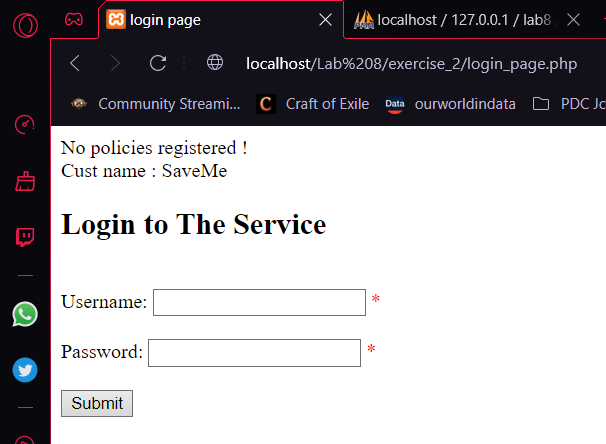
</body>

1. After sign in, get the policy number to display the policy details









Code in the question above