**ASSIGNMENT 3**

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**2ND SEMESTER, 1ST YEAR MCA**

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Question1:

Index.html:

<!DOCTYPE html>

<html>

<head>

    <title>Faculty Data</title>

</head>

<body>

    <h1>Faculty Data</h1>

    <form method="post" action="insert.php">

        <label for="first\_name">First Name:</label><br>

        <input type="text" id="first\_name" name="first\_name" required><br>

        <label for="last\_name">Last Name:</label><br>

        <input type="text" id="last\_name" name="last\_name" required><br>

        <label for="title">Title:</label><br>

        <input type="text" id="title" name="title" required><br>

        <label for="email">Email:</label><br>

        <input type="email" id="email" name="email" required><br>

        <label for="office">Office:</label><br>

        <input type="text" id="office" name="office" required><br>

        <label for="telephone\_extension">Telephone Extension:</label><br>

        <input type="text" id="telephone\_extension" name="telephone\_extension" required><br>

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

    </form>

</body>

</html>

Insert.php:

<?php

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

    $first\_name = $\_POST['first\_name'];

    $last\_name = $\_POST['last\_name'];

    $title = $\_POST['title'];

    $email = $\_POST['email'];

    $office = $\_POST['office'];

    $telephone\_extension = $\_POST['telephone\_extension'];

    if (empty($first\_name) || empty($last\_name) || empty($title) || empty($email) || empty($office) || empty($telephone\_extension)) {

        echo "Error: All fields are required.";

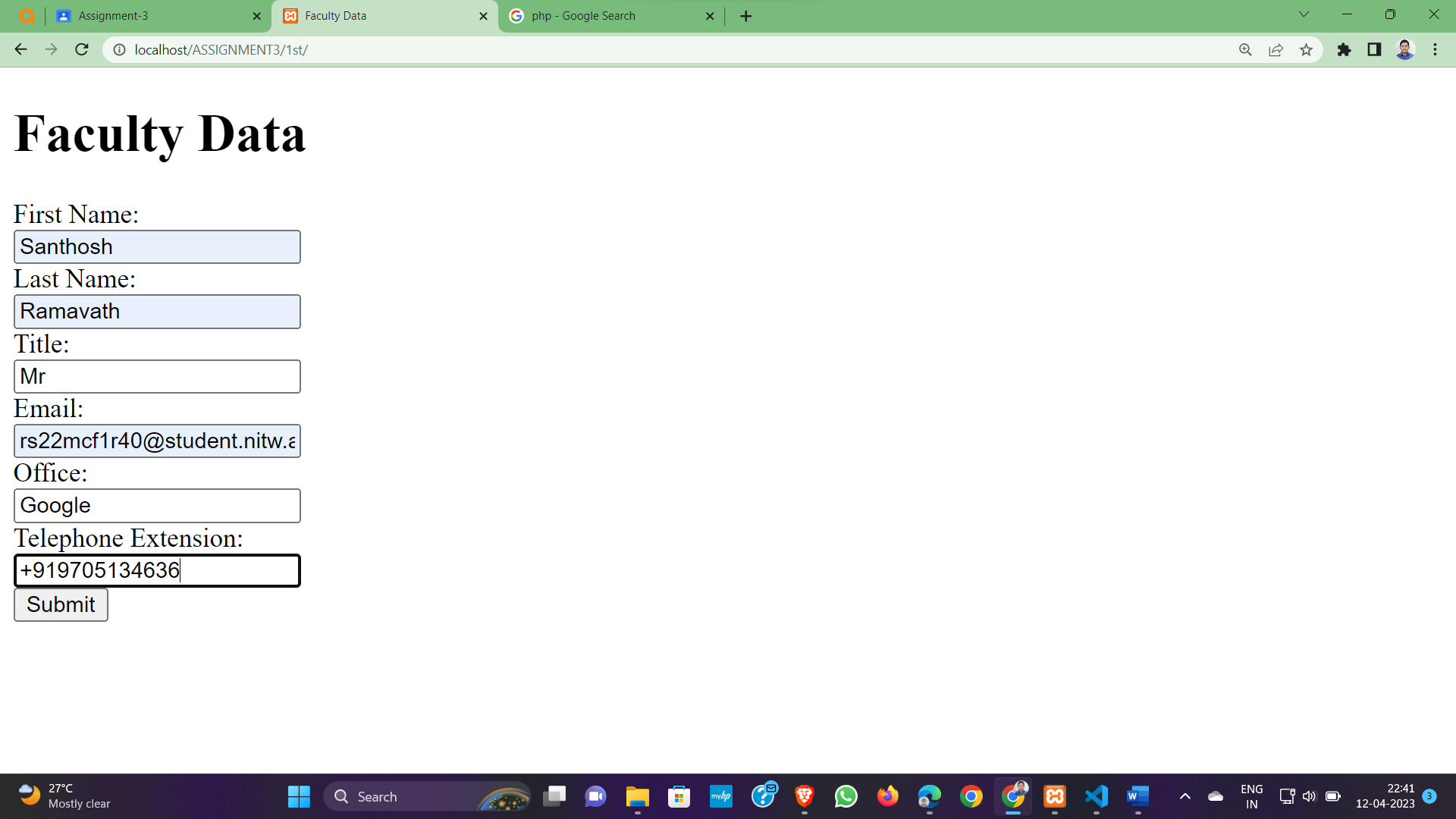
    } else {

        // Insert data into faculty table

    }

}

?>



Question2:

Index.html:

<!DOCTYPE html>

<html>

<head>

    <title>Age Verification</title>

</head>

<body>

    <h1>Enter Your Name and Age</h1>

    <form action="verify.php" method="post">

        <label>Name:</label>

        <input type="text" name="name" required><br><br>

        <label>Age:</label>

        <input type="number" name="age" required><br><br>

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

    </form>

</body>

</html>

Verify.php:

<!DOCTYPE html>

<html>

<head>

    <title>Age Verification Result</title>

</head>

<body>

    <?php

        if ($\_POST['age'] < 18) {

            echo "Hello " . $\_POST['name'] . ", you are not authorized to visit this site.";

        } else {

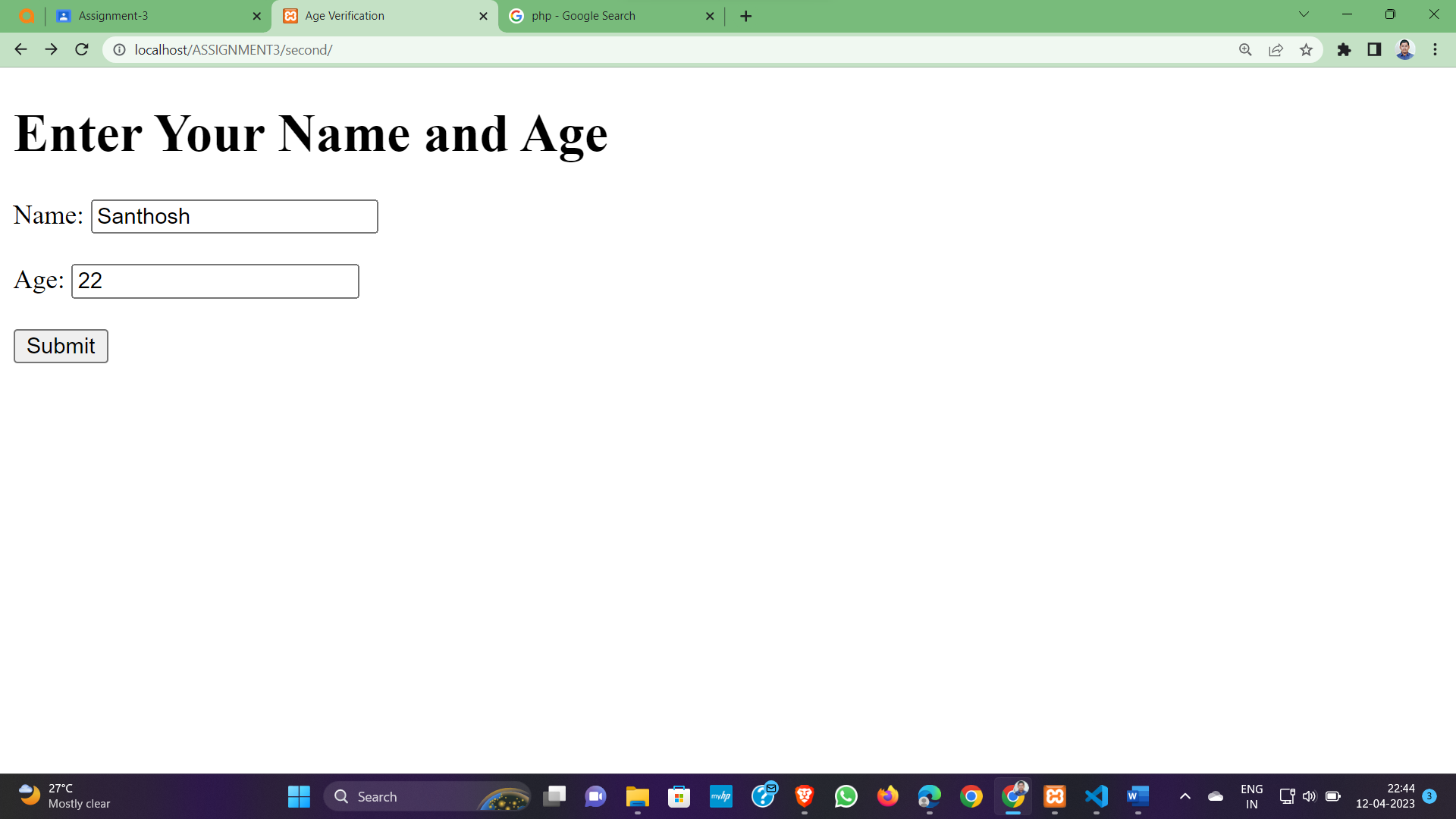
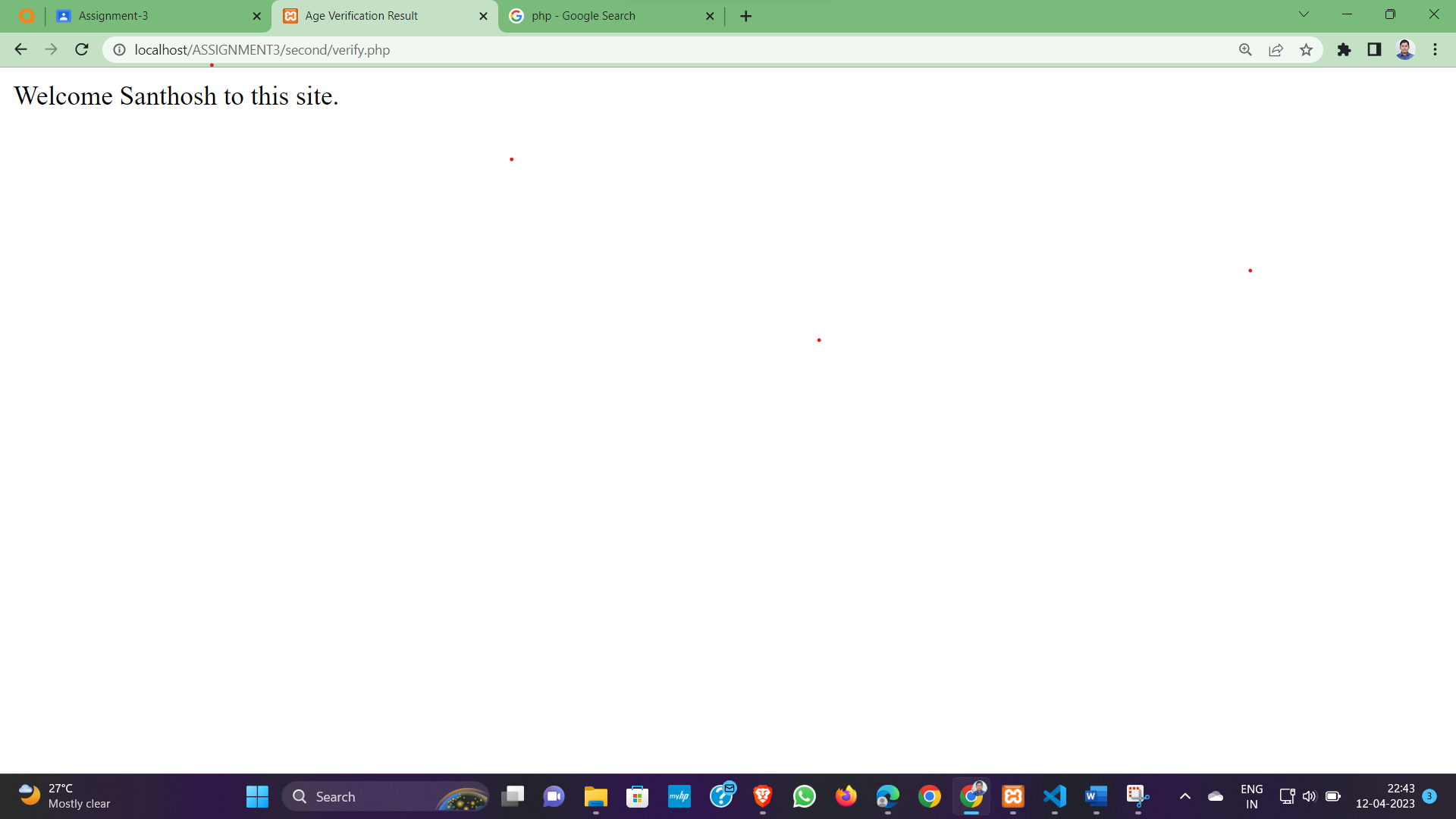
            echo "Welcome " . $\_POST['name'] . " to this site.";

        }

    ?>

</body>

</html>

Question3:

<!DOCTYPE html>

<html>

  <body>

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

      Name: <input type="text" name="pname"><br>

      Age: <input type="text" name="page"><br>

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

    </form>

    <?php

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

        // collect value of input field

        $name = $\_POST['pname'];

        $age = $\_POST['page'];

        if (empty($name) || empty($age)) {

          echo "Name or Age is empty";

        } else {

          if ($age < 18) {

            echo "Hello $name, you are not authorized to visit this site";

          } else {

            echo "Welcome $name to this site";

          }

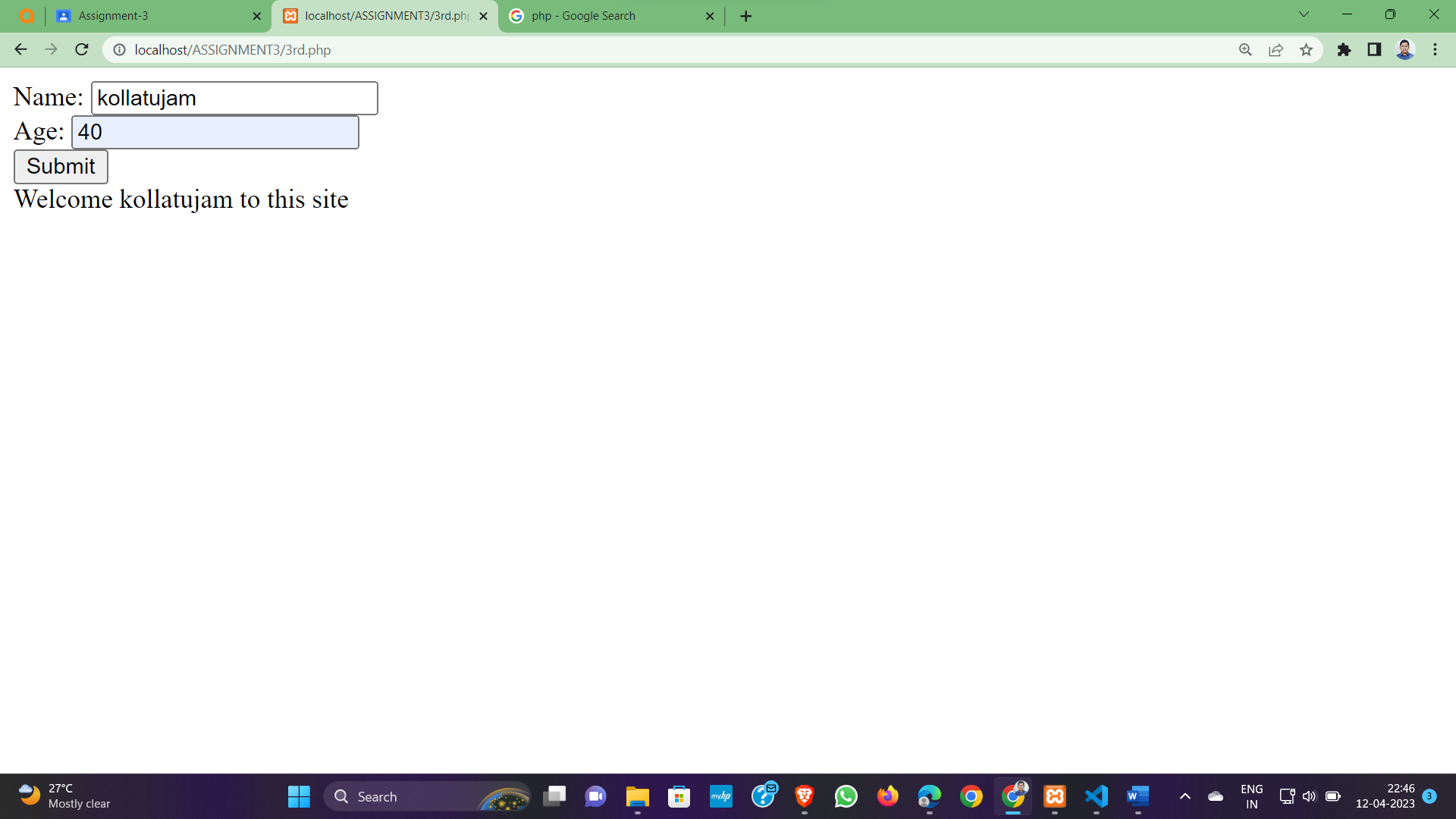
        }

      }

    ?>

  </body>

</html>



Question4:

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

<body>

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

      Number 1: <input type="text" name="num1"><br>

      Number 2: <input type="text" name="num2"><br>

      Operator: <input type="text" name="operator"><br>

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

    </form>

    <?php

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

        // collect value of input field

        $num1 = $\_POST['num1'];

        $num2 = $\_POST['num2'];

        $operator = $\_POST['operator'];

        if (empty($num1) || empty($num2) || empty($operator)) {

          echo "Number 1 or Number 2 or Operator is empty";

        } else {

          switch ($operator) {

            case "+":

              echo $num1 + $num2;

              break;

            case "-":

              echo $num1 - $num2;

              break;

            case "\*":

              echo $num1 \* $num2;

              break;

            case "/":

              echo $num1 / $num2;

              break;

            case "%":

              echo $num1 % $num2;

              break;

            default:

              echo "Invalid operator";

          }

        }

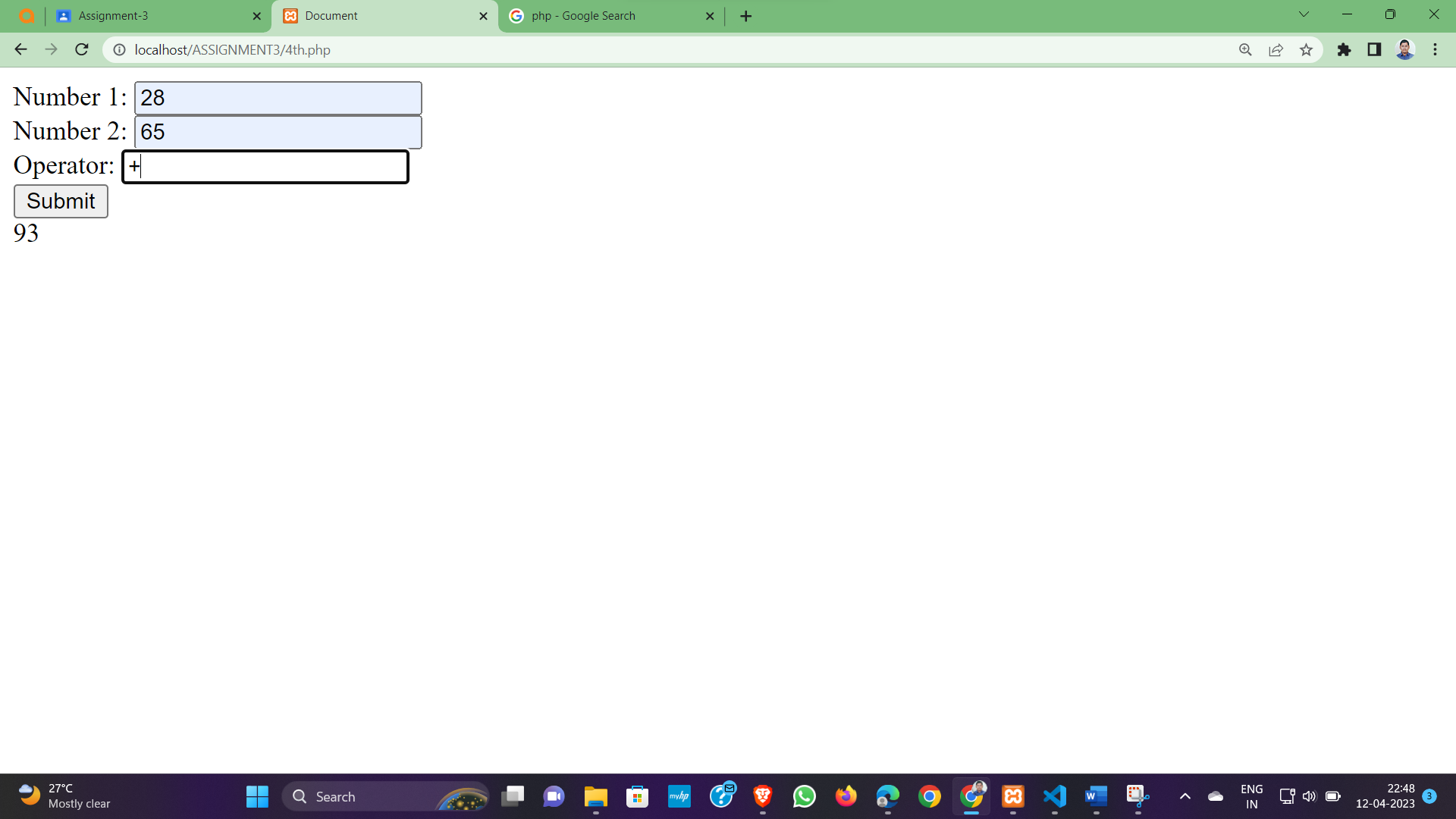
      }

    ?>

  </body>

</body>

</html>



Question5:

Display details:

<!DOCTYPE html>

<html>

<head>

    <title>Cookie Example</title>

    <style>

        table {

            border-collapse: collapse;

            width: 100%;

        }

        th, td {

            text-align: left;

            padding: 8px;

            border-bottom: 1px solid #ddd;

        }

        th {

            background-color: #4CAF50;

            color: white;

        }

    </style>

</head>

<body>

    <?php

        // Set cookies

        setcookie("name", "John Doe", time() + (86400 \* 30), "/"); // expires in 30 days

        setcookie("age", "30", time() + (86400 \* 30), "/"); // expires in 30 days

        // Display cookie details

        echo "<h1>Cookie Details</h1>";

        echo "<table>";

        echo "<tr><th>Name</th><th>Value</th><th>Domain</th><th>Path</th><th>Expires</th><th>Secure</th><th>HTTP Only</th></tr>";

        foreach ($\_COOKIE as $name => $value) {

            echo "<tr>";

            echo "<td>$name</td>";

            echo "<td>$value</td>";

            echo "<td>" . $\_SERVER['SERVER\_NAME'] . "</td>";

            echo "<td>/</td>";

            echo "<td>" . date('Y-m-d H:i:s', time() + (86400 \* 30)) . "</td>";

            echo "<td>False</td>";

            echo "<td>True</td>";

            echo "</tr>";

        }

        echo "</table>";

    ?>

</body>

</html>

Enterdetails:

<!DOCTYPE html>

<html>

<head>

    <title>Cookie Example</title>

</head>

<body>

    <h1>Create Cookie</h1>

    <form method="POST">

        <label for="name">Name:</label>

        <input type="text" id="name" name="name"><br><br>

        <label for="value">Value:</label>

        <input type="text" id="value" name="value"><br><br>

        <button type="submit" name="submit">Create Cookie</button>

    </form>

    <?php

        if(isset($\_POST['submit'])) {

            // Get input values

            $name = filter\_var($\_POST['name'], FILTER\_SANITIZE\_STRING);

            $value = $\_POST['value'];

            // Set cookie

            setcookie($name, $value, time() + (86400 \* 30), "/"); // expires in 30 days

            // Display message

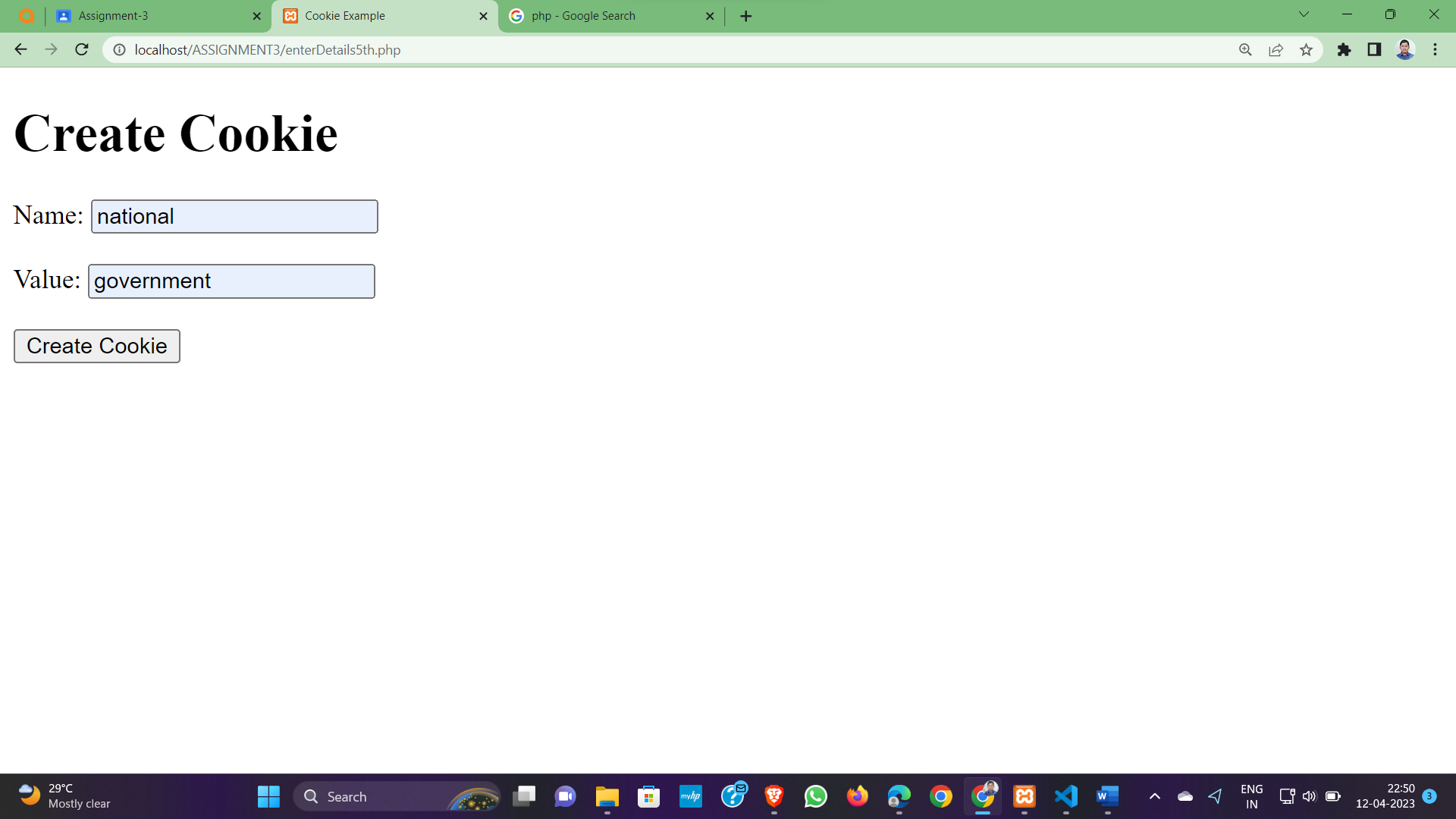
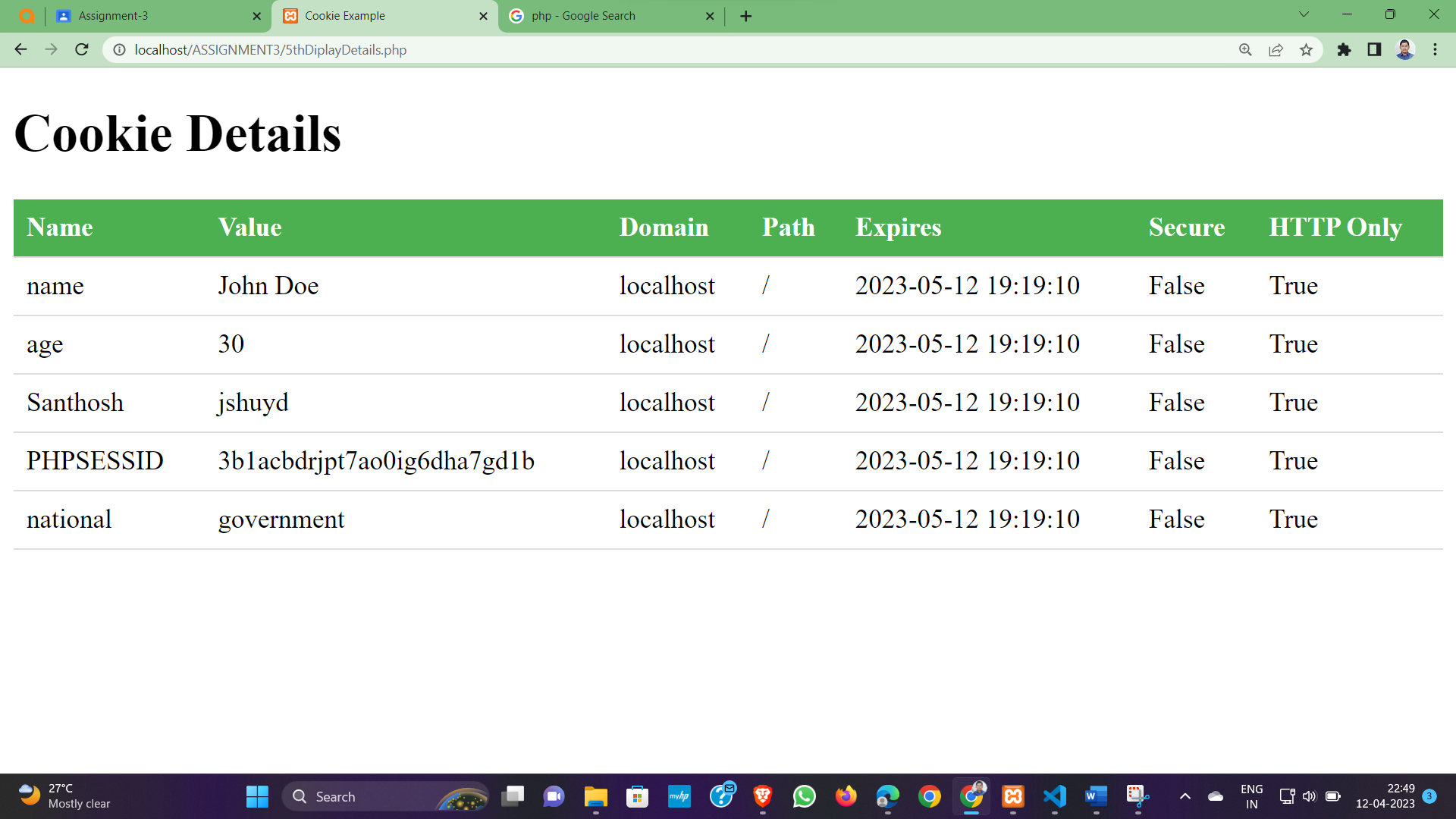
            echo "<p>Cookie created successfully!</p>";

        }

    ?>

</body>

</html>

Question6:

<!DOCTYPE html>

<html>

<head>

    <title>Session Example</title>

</head>

<body>

    <h1>Session Example</h1>

    <form method="POST">

        <label for="id">ID:</label>

        <input type="text" id="id" name="id"><br><br>

        <label for="firstName">First Name:</label>

        <input type="text" id="firstName" name="firstName"><br><br>

        <label for="lastName">Last Name:</label>

        <input type="text" id="lastName" name="lastName"><br><br>

        <label for="email">Email:</label>

        <input type="email" id="email" name="email"><br><br>

        <button type="submit" name="submit">Create Session</button>

    </form>

    <?php

        // Start session

        session\_start();

        if(isset($\_POST['submit'])) {

            // Get input values

            $id = $\_POST['id'];

            $firstName = $\_POST['firstName'];

            $lastName = $\_POST['lastName'];

            $email = $\_POST['email'];

            // Set session variables

            $\_SESSION['id'] = $id;

            $\_SESSION['firstName'] = $firstName;

            $\_SESSION['lastName'] = $lastName;

            $\_SESSION['email'] = $email;

            // Display message

            echo "<p>Session created successfully!</p>";

        }

        // Display session variables

        if(isset($\_SESSION['id']) && isset($\_SESSION['firstName']) && isset($\_SESSION['lastName']) && isset($\_SESSION['email'])) {

            echo "<h2>Session Details</h2>";

            echo "<p>ID: " . $\_SESSION['id'] . "</p>";

            echo "<p>First Name: " . $\_SESSION['firstName'] . "</p>";

            echo "<p>Last Name: " . $\_SESSION['lastName'] . "</p>";

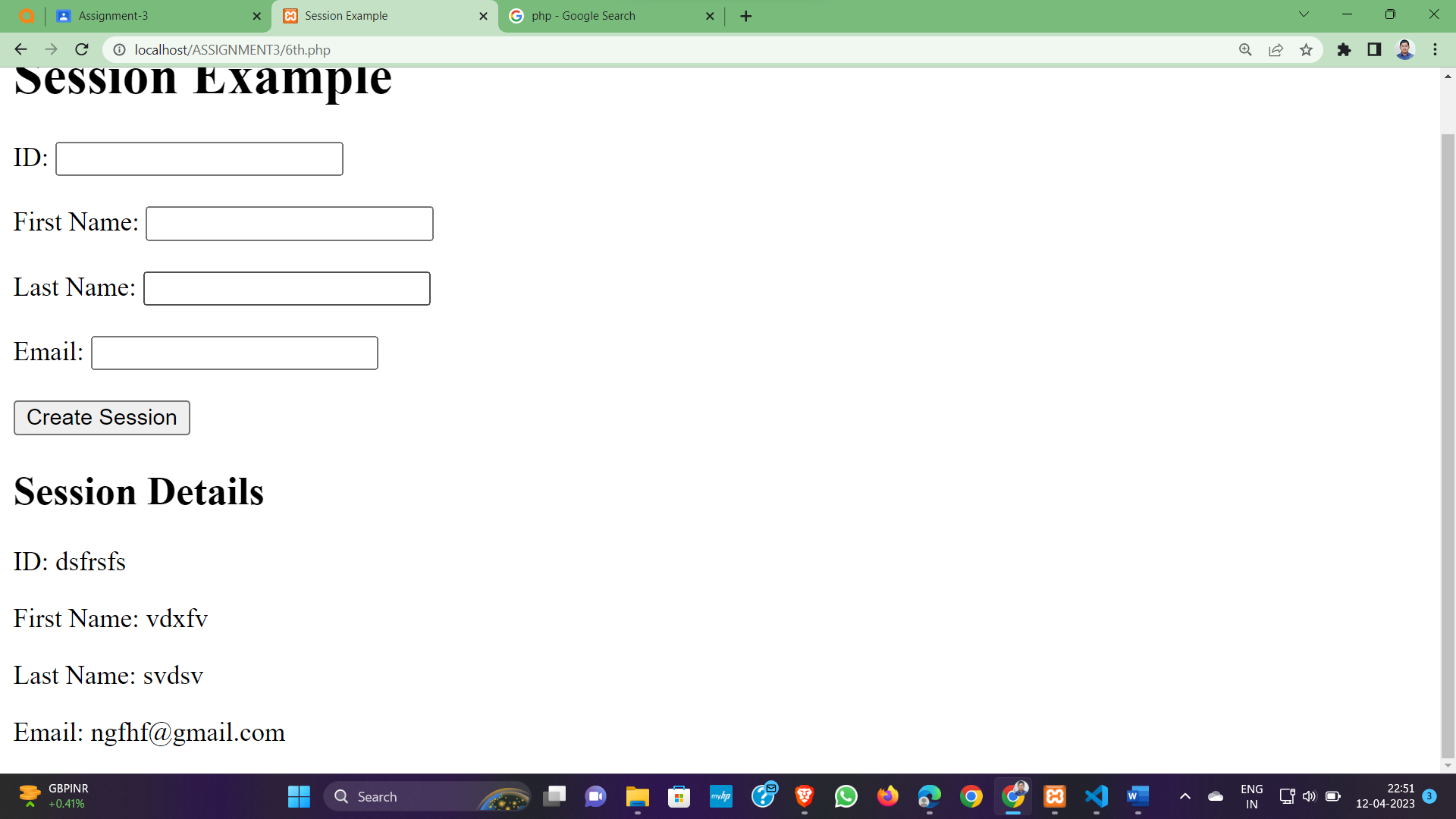
            echo "<p>Email: " . $\_SESSION['email'] . "</p>";

        }

    ?>

</body>

</html>



Question7:

Four files are there: 1. Login.php 2.login\_process.php 3.register.php 4.register\_process

<!DOCTYPE html>

<html>

<head>

    <title>Login Page</title>

</head>

<body>

    <h2>Login Page</h2>

    <form method="post" action="login\_process.php">

        <label>Name:</label>

        <input type="text" name="name" required><br><br>

        <label>Password:</label>

        <input type="password" name="password" required><br><br>

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

    </form>

</body>

</html>

<?php

session\_start();

$dbhost = "localhost"; // Enter your database host

$dbuser = "username"; // Enter your database username

$dbpass = "password"; // Enter your database password

$dbname = "database"; // Enter your database name

$conn = mysqli\_connect($dbhost, $dbuser, $dbpass, $dbname);

if(!$conn){

    die("Connection failed: " . mysqli\_connect\_error());

}

$name = $\_POST['name'];

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

$sql = "SELECT \* FROM users WHERE name='$name'";

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

if(mysqli\_num\_rows($result) > 0){

    $row = mysqli\_fetch\_assoc($result);

    if($row['password'] == $password){

        $\_SESSION['name'] = $row['name'];

        $\_SESSION['password'] = $row['password'];

        echo "Welcome " . $row['fullname'];

    }

    else{

        echo "Password mismatch";

    }

}

else{

    $\_SESSION['name'] = $name;

    $\_SESSION['password'] = $password;

    header('Location: register.php');

}

?>

<!DOCTYPE html>

<html>

<head>

    <title>Registration Page</title>

</head>

<body>

    <h2>Registration Page</h2>

    <form method="post" action="register\_process.php">

        <label>Full Name:</label>

        <input type="text" name="fullname" required><br><br>

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

    </form>

</body>

</html>

<?php

session\_start();

$dbhost = "localhost"; // Enter your database host

$dbuser = "username"; // Enter your database username

$dbpass = "password"; // Enter your database password

$dbname = "database"; // Enter your database name

$conn = mysqli\_connect($dbhost, $dbuser, $dbpass, $dbname);

if(!$conn){

    die("Connection failed: " . mysqli\_connect\_error());

}

$name = $\_SESSION['name'];

$password = $\_SESSION['password'];

$fullname = $\_POST['fullname'];

$sql = "INSERT INTO users (name, password, fullname) VALUES ('$name', '$password', '$fullname')";

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

    echo "Registration Successful";

}

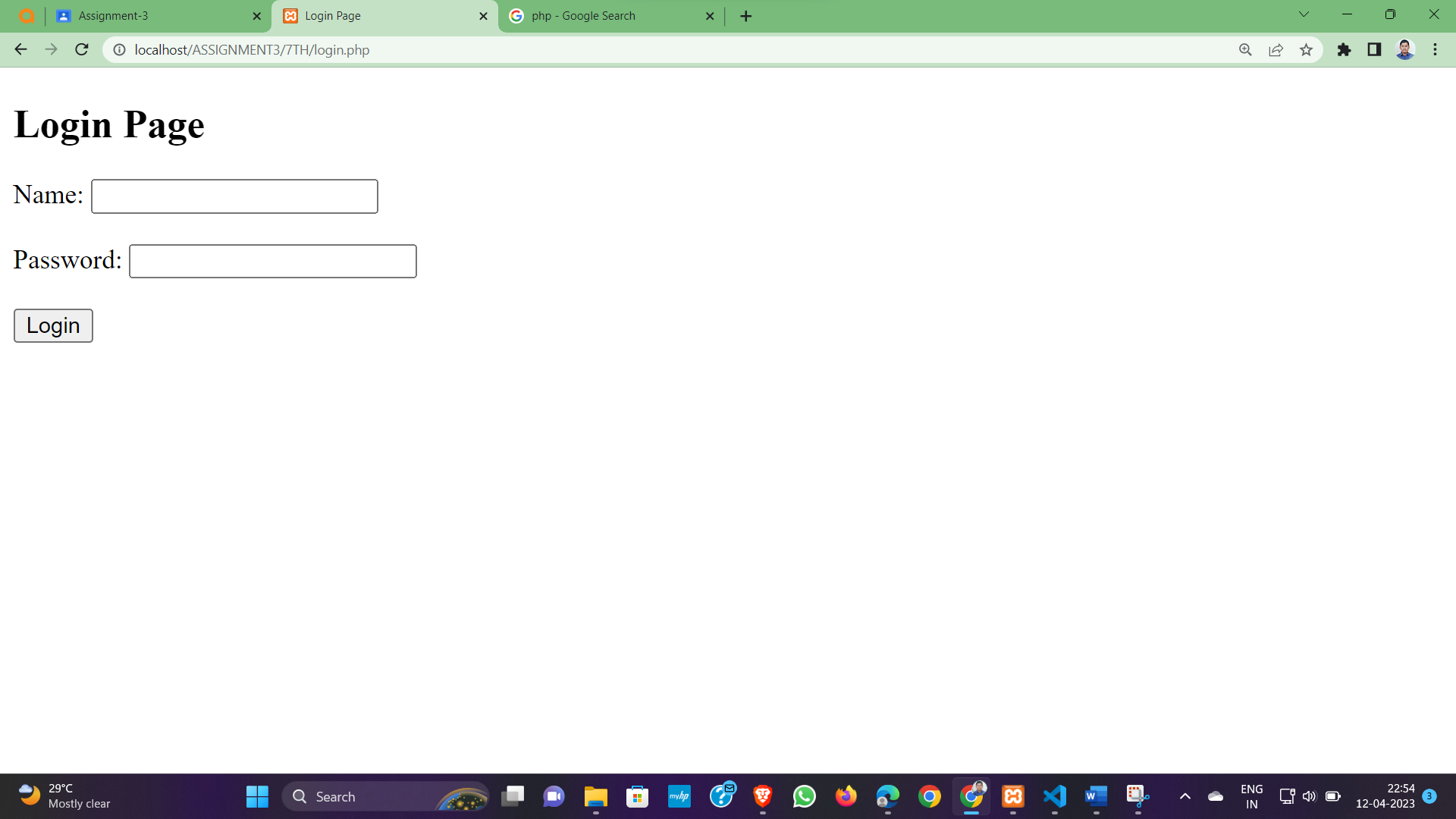
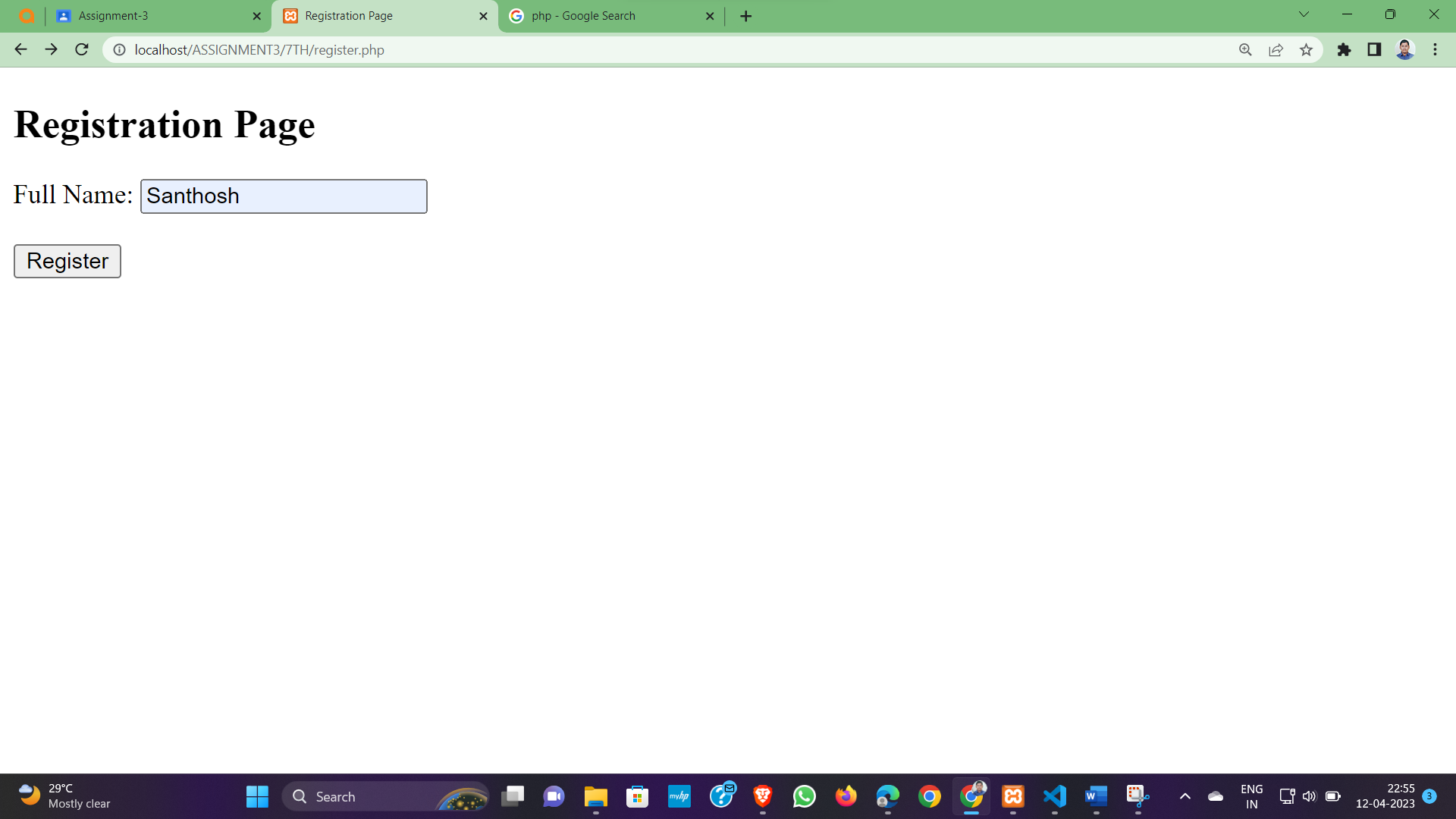
else{

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

}

mysqli\_close($conn);

?>

Question8:

<?php

// specify the file name and location

$filename = "example.txt";

$file = fopen($filename, "w");

// write some data to the file

$data = "This is some example data that we'll write to the file.HP is a general-purpose scripting language geared toward web development. It was originally created by Danish-Canadian programmer Rasmus Lerdorf in 1993 and released in 1995. The PHP reference implementation is now produced by The PHP Group. Wikipedia

Developer: The PHP Development Team, Zend Technologies, PHP Foundation

Designed by: Rasmus Lerdorf

OS: Unix-like, Windows, macOS, IBM i, OpenVMS

Paradigm: Multi-paradigm: imperative, functional, object-oriented, procedural, reflective

First appeared: June 8, 1995; 27 years ago

Implementation language: C (primarily; some components C++)";

fwrite($file, $data);

// close the file

fclose($file);

// open the file again and display its contents

$file = fopen($filename, "r");

echo fread($file, filesize($filename));

fclose($file);

?>

