**Name: Deepankar Sharma course: BCA-6th roll no: 2092014**

**Subject: Scripting Languages**

|  |  |  |  |
| --- | --- | --- | --- |
| **Index** | | | |
| **S. No.** | **Objective** | **Date** | **Signature** |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |
| 5 |  |  |  |
| 6 |  |  |  |
| 7 |  |  |  |
| 8 |  |  |  |
| 9 |  |  |  |
| 10 |  |  |  |
| 11 |  |  |  |
| 12 |  |  |  |
| 13 |  |  |  |

Name: Deepankar Sharma

Course: BCA

University Roll No: 2092014

Subject: Scripting Languages

Date: 17-02-23

**Practical 01: To implement Lists in HTML**

<!-- To implement List in HTMl -->

<!DOCTYPE html>

<head>

<title>List</title>

</head>

<body>

<ul style="list-style-type:square;">

<li>Coffee</li>

<li>Tea</li>

<li>Milk</li>

</ul>

<ol>

<li>Coffee</li>

<li>Tea</li>

<li>Milk</li>

</ol>

<dl>

<dt>Coffee</dt>

<dd>- black hot drink</dd>

<dt>Milk</dt>

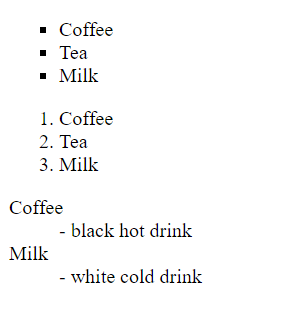
<dd>- white cold drink</dd>

</dl>

</body>

</html>

**Output:**



Name: Deepankar Sharma

Course: BCA

University Roll No: 2092014

Subject: Scripting Languages

Date: 3-03-2023

**Practical 02: To implement Tables in HTML**

<!-- implement table in HTML -->

<html>

<head>

<title> Table </title>

</head>

<body>

<br><br><br><br><br><br><br><br>

<table align=center border="1" cellpadding="2">

<caption align="top"><b>Specification Table with Hoursand Marks<caption>

<tr>

<th rowspan="2"> Unit No. </th>

<th rowspan="2"> Unit Title </th>

<th rowspan="2"> Teaching Hours </th>

<th colspan="4"> Distribution of Theory Marks </th>

</tr>

<tr>

<td>R Level </td>

<td>U Level </td>

<td>A Level </td>

<td>Total Marks </td>

</tr>

<tr>

<td>

<center>I

</td>

<td>Introduction to Internet Technology</td>

<td>

<center>2

</td>

<td>

<center>4

</td>

<td>

<center>4

</td>

<td>

<center>0

</td>

<td>

<center>8

</td>

</tr>

<tr>

<td>

<center>II

</td>

<td>Basic of HTML & CSS</td>

<td>

<center>6

</td>

<td>

<center>0

</td>

<td>

<center>2

</td>

<td>

<center>6

</td>

<td>

<center>8

</td>

</tr>

<tr>

<td>

<center>III

</td>

<td>Active Server Pages 3.0</td>

<td>

<center>6

</td>

<td>

<center>4

</td>

<td>

<center>8

</td>

<td>

<center>0

</td>

<td>

<center>12

</td>

</tr>

<tr>

<td>

<center>IV

</td>

<td>Server Side Coding with VBScript and XML</td>

<td>

<center>8

</td>

<td>

<center>2

</td>

<td>

<center>4

</td>

<td>

<center>8

</td>

<td>

<center>14

</td>

</tr>

<tr>

<td>

<center>V

</td>

<td>ASP Objects & Components</td>

<td>

<center>10

</td>

<td>

<center>4

</td>

<td>

<center>4

</td>

<td>

<center>6

</td>

<td>

<center>14

</td>

</tr>

<tr>

<td>

<center>VI

</td>

<td>Accessing database with ASP & ADO</td>

<td>

<center>10

</td>

<td>

<center>4

</td>

<td>

<center>4

</td>

<td>

<center>6

</td>

<td>

<center>14

</td>

</tr>

<tr>

<td></td>

<th>

<center>Total

</th>

<th>

<center>42

</th>

<th>

<center>18

</th>

<th>

<center>26

</th>

<th>

<center>26

</th>

<th>

<center>70

</th>

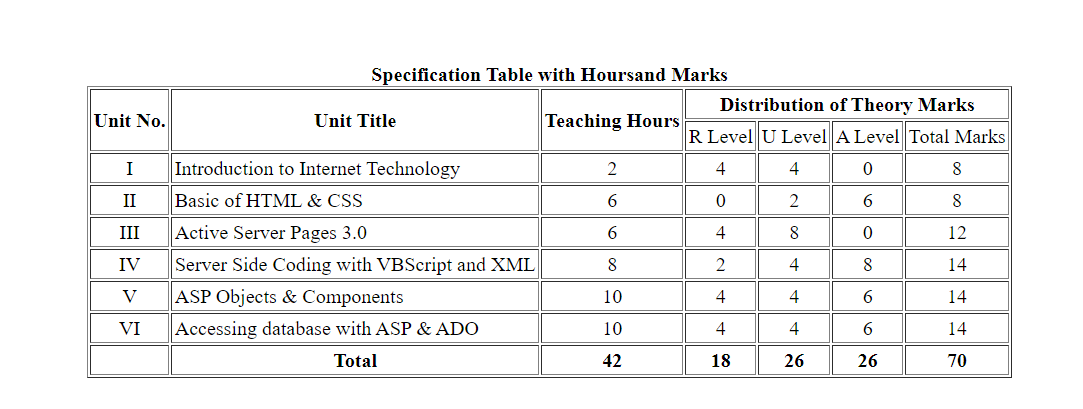
</tr>

</table>

</body>

</html>

**Output:**



Name: Deepankar Sharma

Course: BCA

University Roll No: 2092014

Subject: Scripting Languages

Date: 17-03-2023

**Practical 03: Implementation of popup of alert and confirm.**

<!-- Implementation of popup of alert and confirm. -->

<!DOCTYPE html>

<html>

<head>

    <title>Popup Box Example</title>

</head>

<body>

    <h1>Popup Box Example</h1>

    <button onclick="showAlert()">Show Alert</button>

    <button onclick="showConfirm()">Show Confirm</button>

    <script>

        function showAlert() {

            alert("This is an alert message!");

        }

        function showConfirm() {

            var result = confirm("Are you sure you want to delete this item?");

            if (result == true) {

                alert("You clicked OK!");

            } else {

                alert("You clicked Cancel!");

            }

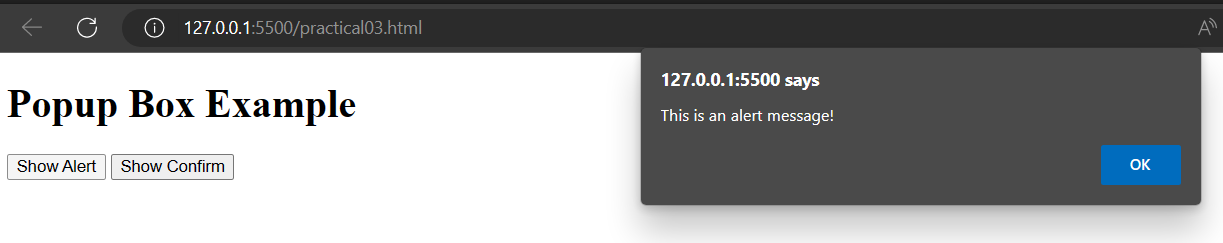
        }

    </script>

</body>

</html>

**Output:**



Name: Deepankar Sharma

Course: BCA

University Roll No: 2092014

Subject: Scripting Languages

Date: 24-03-2023

**Practical 04: Implementation of the CSS Box Model.**

<!-- Implementation the CSS Box Model. -->

<!DOCTYPE html>

<html>

<head>

    <title>CSS Box Model Example</title>

    <style>

        /\* Define styles for the outer box \*/

        .outer-box {

            width: 200px;

            height: 200px;

            background-color: lightblue;

            border: 10px solid black;

            padding: 20px;

            margin: 50px;

        }

        /\* Define styles for the inner box \*/

        .inner-box {

            width: 100%;

            height: 100%;

            background-color: white;

            border: 10px solid red;

            padding: 20px;

            box-sizing: border-box;

        }

    </style>

</head>

<body>

    <div class="outer-box">

        <div class="inner-box">

            This is an example of the CSS box model.

        </div>

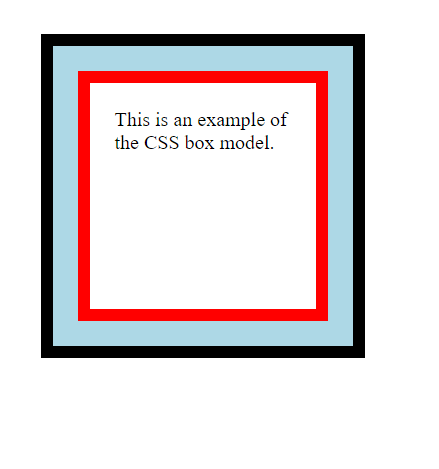
    </div>

</body>

</html>

<!-- The CSS box model is a container that contains multiple properties including borders, margin, padding, and the content itself. It is used to create the design and layout of web pages. It can be used as a toolkit for customizing the layout of different elements.  -->

**Output:**



Name: Deepankar Sharma

Course: BCA

University Roll No: 2092014

Subject: Scripting Languages

Date: 24-03-2023

**Practical 05: Design the webpage by applying the different style using inline, internal and external style sheet.**

<!-- Design the webpage by applying the different style using inline, internal and external style sheet. -->

<!DOCTYPE html>

<html>

<head>

    <title>Styles Example</title>

    <!-- Internal Styles -->

    <style>

        h1 {

            color: blue;

            font-size: 36px;

            text-align: center;

        }

        p {

            font-size: 20px;

            line-height: 1.5;

        }

    </style>

    <!-- External Styles -->

    <link rel="stylesheet" type="text/css" href="practical05.css">

</head>

<body>

    <!-- Inline Styles -->

    <div style="background-color: yellow; padding: 20px;">

        <h1 style="color: red;">Styles Example</h1>

        <p style="text-align: justify;">This is an example of applying styles using inline, internal and external style

            sheets. The heading is styled with inline styles, the paragraph is styled with internal styles, and the

            background color and padding of this div are styled with inline styles.</p>

    </div>

    <!-- External Styles -->

    <div class="external-styles">

        <h2>External Styles</h2>

        <p>This div is styled using an external style sheet.</p>

        <button class="btn">Click me</button>

    </div>

</body>

</html>

**CSS:**

/\* External Styles \*/

.external-styles {

background-color: lightblue;

padding: 20px;

}

.external-styles h2 {

color: white;

font-size: 24px;

}

.external-styles p {

font-size: 16px;

line-height: 1.5;

}

.external-styles .btn {

background-color: green;

color: white;

border: none;

padding: 10px;

border-radius: 5px;

cursor: pointer;

}

.external-styles .btn:hover {

background-color: darkgreen;

}

**Output:**



Name: Deepankar Sharma

Course: BCA

University Roll No: 2092014

Subject: Scripting Languages

Date:

**Practical 03: WAP to create a hyperlink and change the background color to blue.**

<!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 bgcolor="lightblue">

<a href="https://github.com/ideepankarsharma2003">This is my github profile</a>

</body>

</html>

OUTPUT:-



Name: Deepankar Sharma

Course: BCA

University Roll No: 2092014

Subject: Scripting Languages

Date:

**Practical 04: WAP to design registration form using html.**

<!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>

<h2>Registration Form</h2>

<form action="" method="post">

<label for="username">Username:</label>

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

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

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

<label for="password">Password:</label>

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

<label for="confirm\_password">Confirm Password:</label>

<input type="password" id="confirm\_password" name="confirm\_password" required><br><br>

<label for="gender">Gender:</label>

<input type="radio" id="male" name="gender" value="male" required>

<label for="male">Male</label>

<input type="radio" id="female" name="gender" value="female" required>

<label for="female">Female</label>

<input type="radio" id="other" name="gender" value="other" required>

<label for="other">Other</label><br><br>

<label for="dob">Date of Birth:</label>

<input type="date" id="dob" name="dob" required><br><br>

BCA Student: 2022<input type="checkbox" name="" id=""> 2023<input type="checkbox" name="" id=""><br><br>

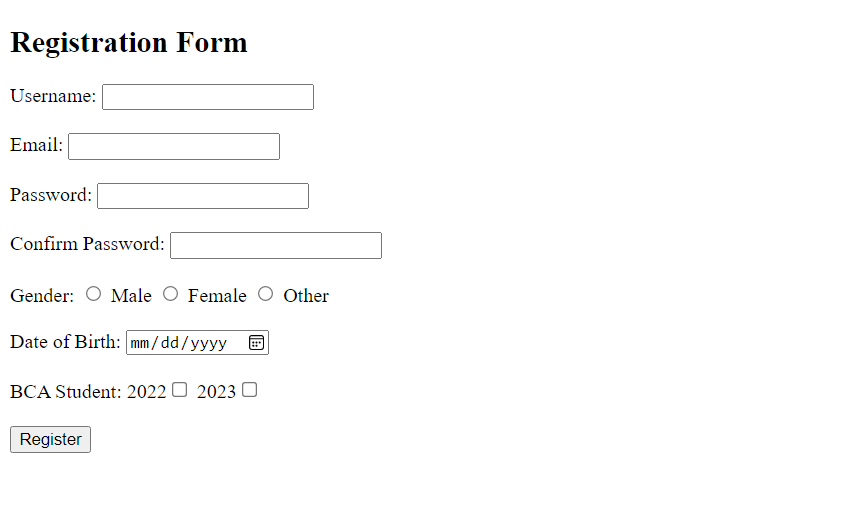
<input type="submit" value="Register">

</form>

</body>

</html>

OUTPUT:-



Name: Deepankar Sharma

Course: BCA

University Roll No: 2092014

Subject: Scripting Languages

Date:

**Practical : WAP to calculate the sum of an array in JavaScript.**

// js program to find sum of two numbers

function sum(array) {

result= 0

array.forEach(element => {

result+=element

});

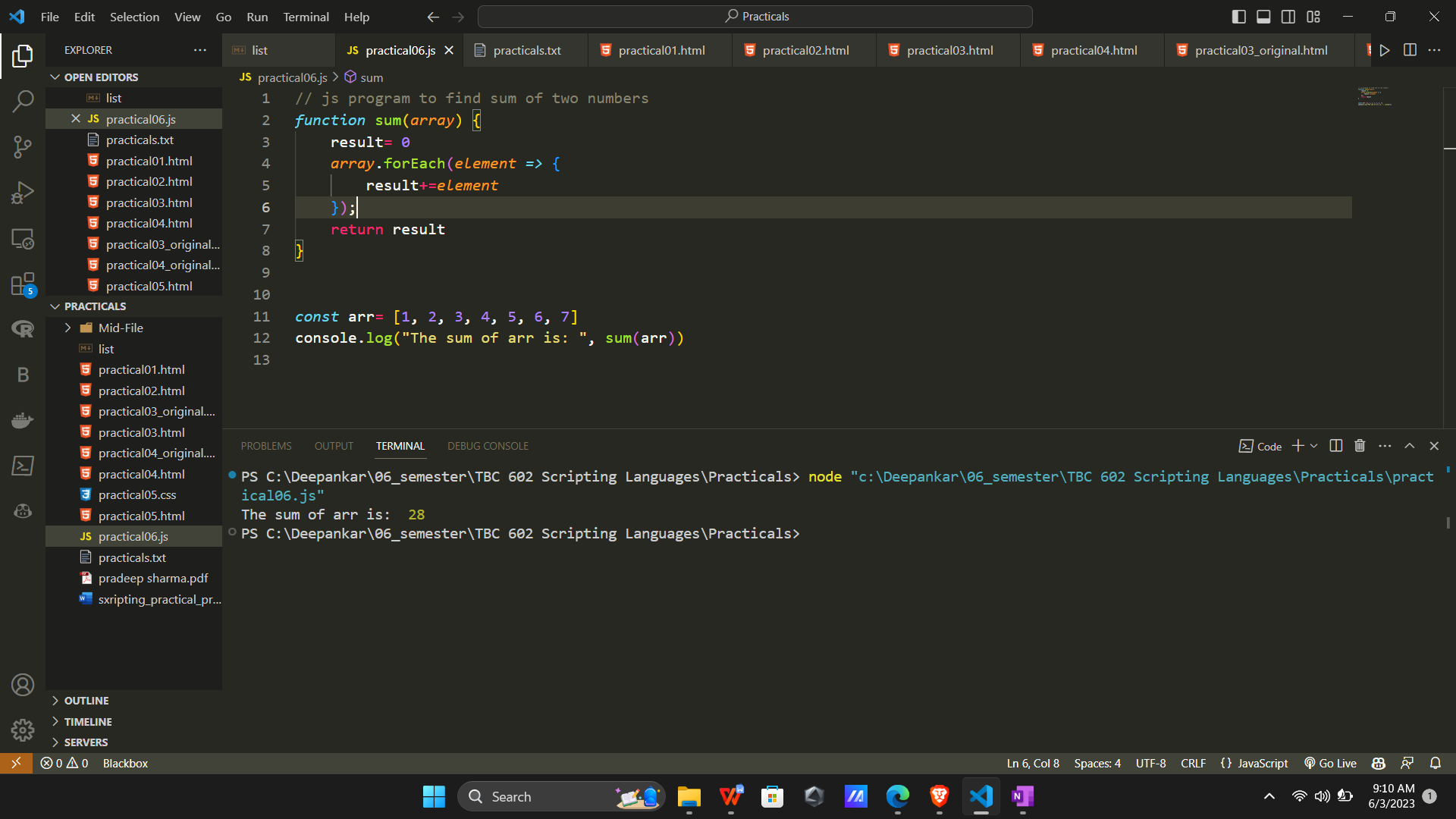
return result

}

const arr= [1, 2, 3, 4, 5, 6, 7]

console.log("The sum of arr is: ", sum(arr))

**Output:**



Name: Deepankar Sharma

Course: BCA

University Roll No: 2092014

Subject: Scripting Languages

Date:

**Practical : WAP to check whether an year is leap year based on Gregorian calender.**

<!-- // Javascript program to check weather the given year is a leap year in the Gregorian calender -->

<!DOCTYPE html>

<html>

<head>

<title>Leap Year Checker</title>

<script>

// Function to check if a year is a leap year

function isLeapYear(year) {

if (year % 4 === 0) {

if (year % 100 === 0) {

if (year % 400 === 0) {

return true; // Divisible by 400, leap year

} else {

return false; // Divisible by 100 but not by 400, not a leap year

}

} else {

return true; // Divisible by 4 but not by 100, leap year

}

} else {

return false; // Not divisible by 4, not a leap year

}

}

// Function to handle the form submission

function checkLeapYear() {

event.preventDefault();

const yearInput = document.getElementById("year");

const year = parseInt(yearInput.value);

const result = document.getElementById("result");

if (isLeapYear(year)) {

result.innerText = year + " is a leap year.";

} else {

result.innerText = year + " is not a leap year.";

}

}

</script>

</head>

<body>

<h1>Leap Year Checker</h1>

<form onsubmit="checkLeapYear()">

<label for="year">Enter a year:</label>

<input type="number" id="year" required>

<button type="submit">Check</button>

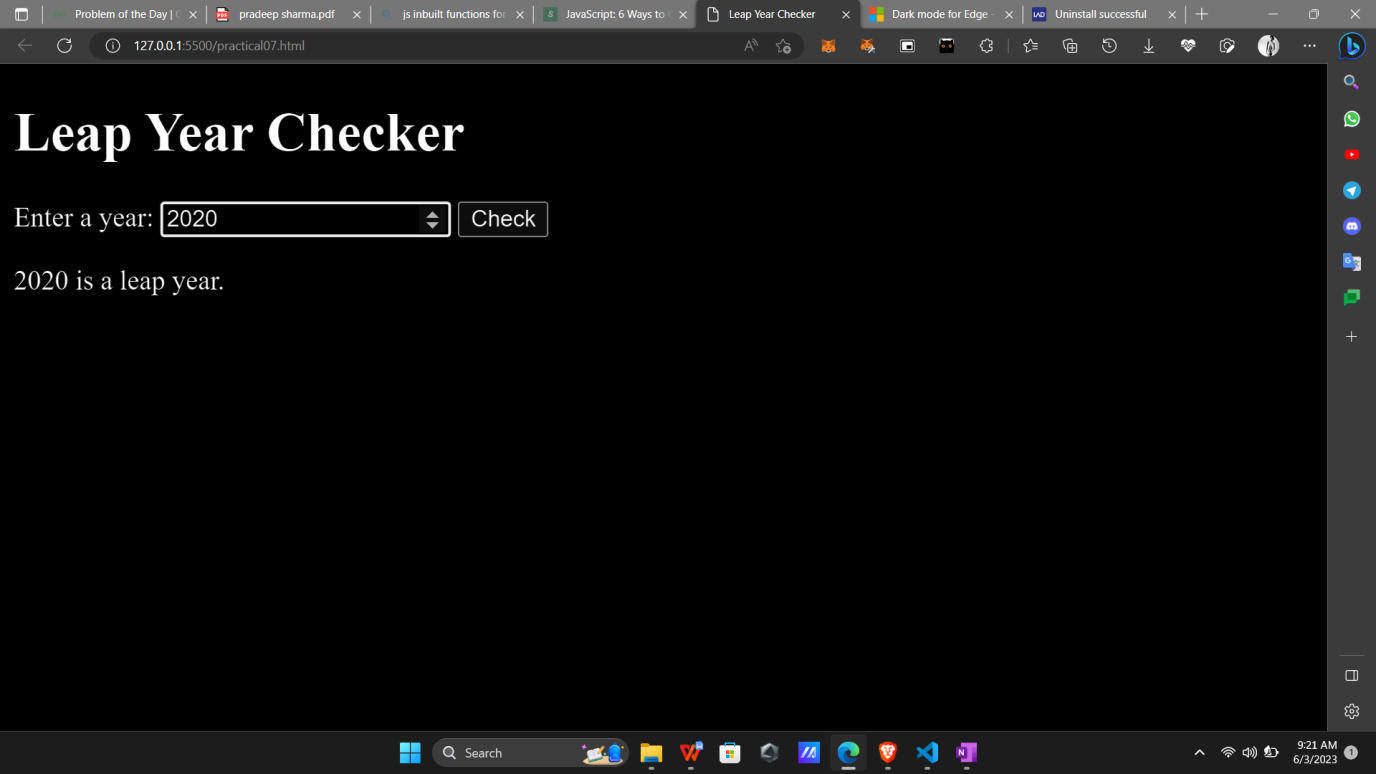
</form>

<p id="result"></p>

</body>

</html>

**Output:**



Name: Deepankar Sharma

Course: BCA

University Roll No: 2092014

Subject: Scripting Languages

Date:

**Practical : WAP in PHP to swap two numbers.**

<?php

// Swap two numbers using a temporary variable

$num1 = 10;

$num2 = 20;

echo "<h1>SWAPPING PROGRAM";

echo "<h3>Before swapping: ";

echo "num1 = " . $num1 . ", num2 = " . $num2 . "<br>";

$temp = $num1;

$num1 = $num2;

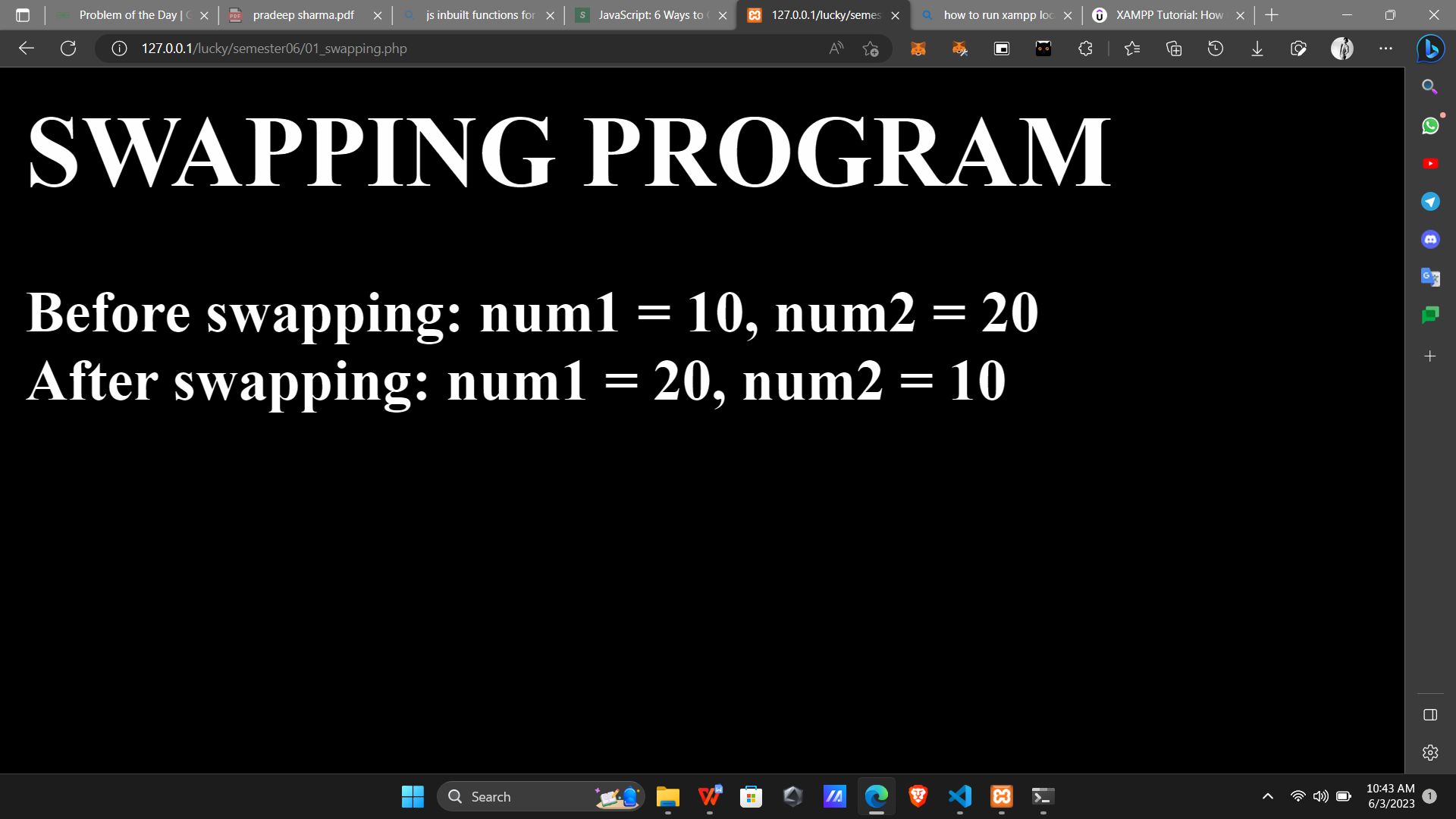
$num2 = $temp;

echo "After swapping: ";

echo "num1 = " . $num1 . ", num2 = " . $num2;

?>

**Output:**



Name: Deepankar Sharma

Course: BCA

University Roll No: 2092014

Subject: Scripting Languages

Date:

**Practical : WAP to create a table in MySQL using PHP.**

<!-- php program to create a table in MySQL -->

<?php

$servername = "localhost";

$username = "root";

$password = "";

$dbname = "KhatarnakWalaDatabase";

// Create a connection to MySQL

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

// Check the connection

if ($conn->connect\_error) {

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

}

echo "<h3>Initiating Table Creation...";

// SQL query to create a table

$sql = "CREATE TABLE KHATARNAKTABLE (

id INT(6) UNSIGNED AUTO\_INCREMENT PRIMARY KEY,

name VARCHAR(50) NOT NULL,

email VARCHAR(50) NOT NULL

)";

// Execute the query

if ($conn->query($sql) === TRUE) {

echo "Table created successfully";

} else {

echo "Error creating table: " . $conn->error;

}

// Close the connection

$conn->close();

?>

**Output:**

Windows PowerShell

Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\deepa> mysql

ERROR 2002 (HY000): Can't connect to MySQL server on 'localhost' (10061)

PS C:\Users\deepa> mysql

ERROR 1045 (28000): Access denied for user 'deepa'@'localhost' (using password: NO)

PS C:\Users\deepa> mysql -u root

Welcome to the MariaDB monitor. Commands end with ; or \g.

Your MariaDB connection id is 9

Server version: 10.4.27-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> create database KhatarnakWalaDatabase

-> ;

Query OK, 1 row affected (0.001 sec)

MariaDB [(none)]> show databases;

+-----------------------+

| Database |

+-----------------------+

| information\_schema |

| khatarnakwaladatabase |

| loginsystem |

| my\_database |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

+-----------------------+

8 rows in set (0.015 sec)

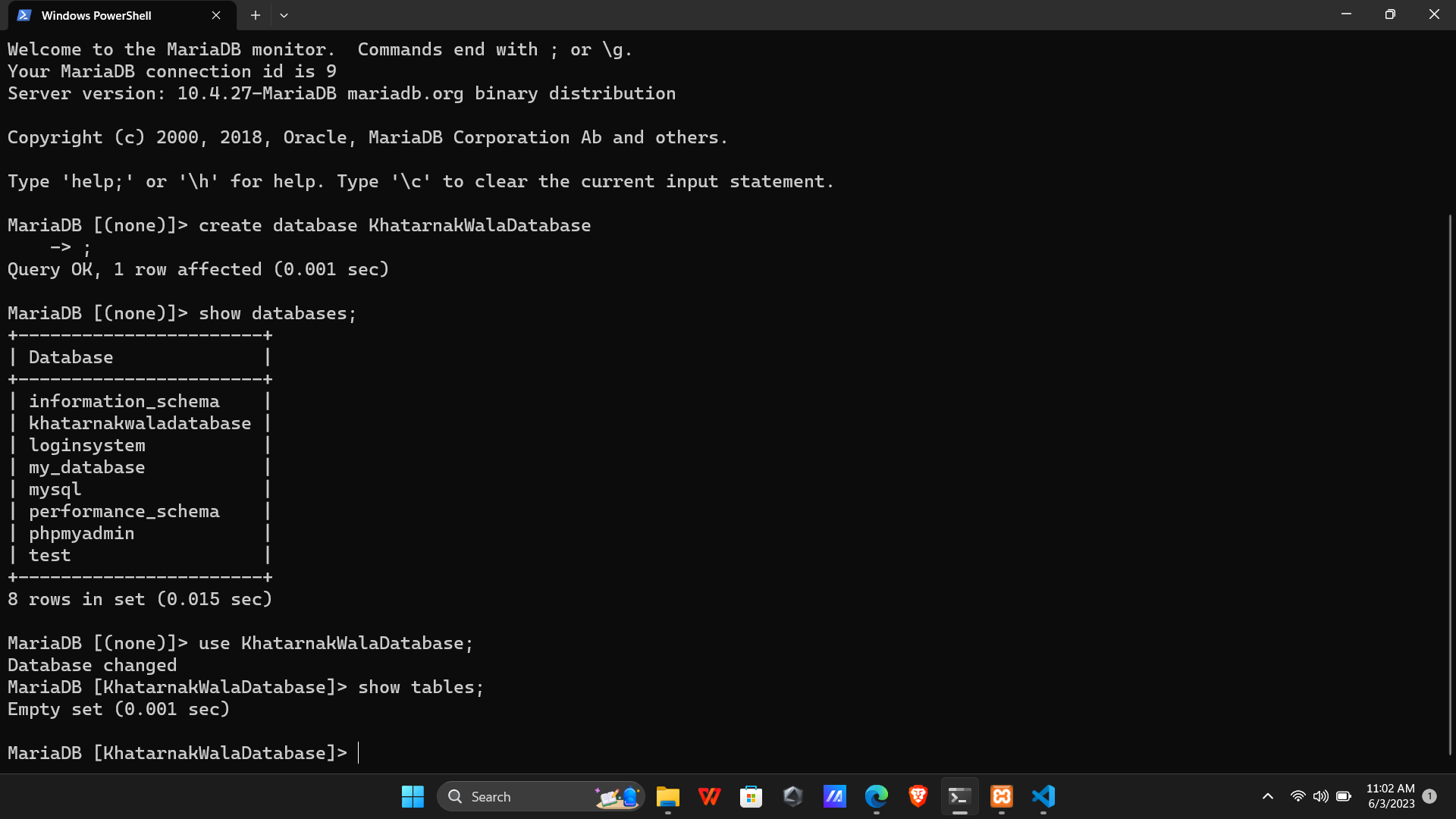
MariaDB [(none)]> use KhatarnakWalaDatabase;

Database changed

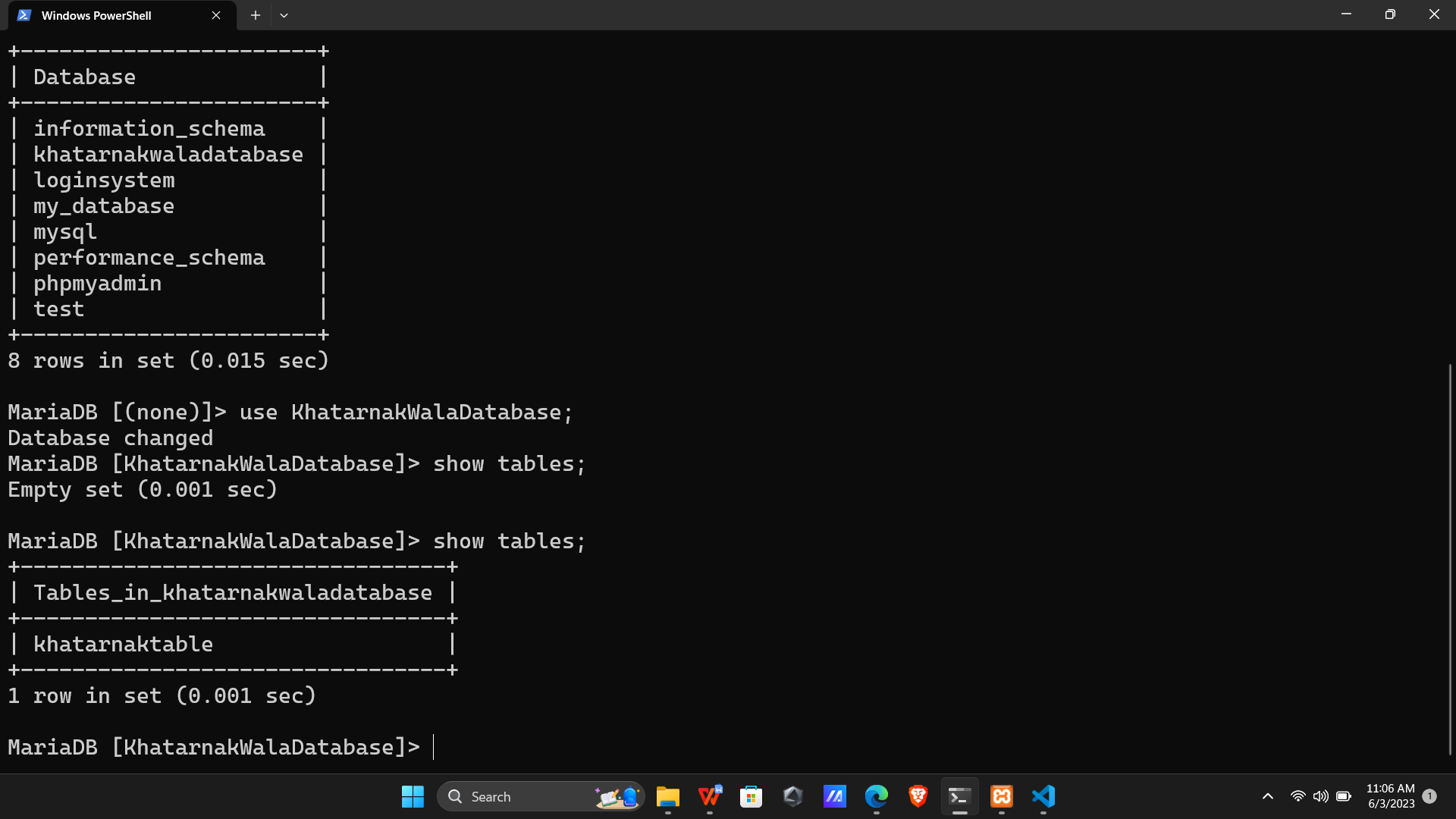
MariaDB [KhatarnakWalaDatabase]> show tables;

Empty set (0.001 sec)

MariaDB [KhatarnakWalaDatabase]>







Name: Deepankar Sharma

Course: BCA

University Roll No: 2092014

Subject: Scripting Languages

Date:

**Practical : WAP to Develop student registration form and display all the submitted data on the page.**

<!-- Develop student registration form and display all the submitted data on the page -->

<html>

<title>Student registration</title>

<h1>Student Registration Form </h1>

<body>

<form method=get action="">

Enter Student name:<input type=text name=t1 value="<?php if (isset($\_GET['t1']))

echo

$\_GET['t1']; ?>"></br>

Enter Student Roll no:<input type=text name=t2 value="<?php if (isset($\_GET['t2']))

echo

$\_GET['t2']; ?>"></br>

Enter Class:<input type=text name=t3 value="<?php if (isset($\_GET['t3']))

echo

$\_GET['t3']; ?>"></br>

Enter Age:<input type=text name=t4 value="<?php if (isset($\_GET['t4']))

echo

$\_GET['t4']; ?>"></br>

Enter Address:<input type=text name=t5 value="<?php if (isset($\_GET['t5']))

echo

$\_GET['t5']; ?>"></br>

<input type=submit value=submit></br>

</form>

</body>

</html>

<?php

$name = $\_GET['t1'];

$roll = $\_GET['t2'];

$class = $\_GET['t3'];

$age = $\_GET['t4'];

$add = $\_GET['t5'];

if (isset($\_GET['t1'])) {

if ($name == "" || $roll == "" || $class == "" || $age == "" || $add == "") {

echo "All fields are compulsory :";

} else {

echo "<h1>Student Information </h1></br>";

echo "Student name :$name</br>";

echo "Student Roll no: $roll</br>";

echo "Student Class: $class</br>";

echo "Student Age :$age</br>";

echo "Student Address: $add</br>";

}

}

?>

**Output:**

