**NAME:-Siddhi Shewale**

**Roll no:- 2213483**

**Batch:-‘B’**

**Theory :-**

**PHP is an acronym for "PHP: Hypertext Preprocessor"**

**PHP is a widely-used, open source scripting language**

**PHP scripts are executed on the server**

**PHP is free to download and use**

**What is a PHP File?**

**PHP files can contain text, HTML, CSS, JavaScript, and PHP**

**code**

**PHP code are executed on the server, and the result is**

**returned to the browser as plain HTML**

**PHP files have extension ".php"**

**Open a Connection to MySQL**

<?php

// Create connection

$conn = new mysqli(“localhost”, “root”, “”);

//MySQLi extension (the "i" stands for improved)

// Check connection

if(!$conn){

die('Could not connect: '.mysqli\_connect\_error());

}

echo 'Connected successfully<br/>';

?>

**CODE :**

<!DOCTYPE html>

<html>

<head>

    <title>Student Information</title>

</head>

<body>

    <h1>Student Information</h1>

    <?php

    $conn = mysqli\_connect('localhost', 'root', '', 'student');

    if (!$conn) {

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

    }

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

        $rollNo = $\_POST['rollNo'];

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

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

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

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

        // Insert student information into the database

        $sql = "INSERT INTO stu (rollNo, stuName, stuDept, passingYear, classGrades) VALUES (?, ?, ?, ?, ?)";

        $stmt = mysqli\_prepare($conn, $sql);

        mysqli\_stmt\_bind\_param($stmt, 'issis', $rollNo, $stuName, $stuDept, $passingYear, $classGrades);

        if (mysqli\_stmt\_execute($stmt)) {

            echo '<p>Student information added successfully!</p>';

        } else {

            echo '<p>Error adding student information: ' . mysqli\_error($conn) . '</p>';

        }

    }

    ?>

    <form action="<?php echo $\_SERVER['PHP\_SELF']; ?>" method="POST">

        <label for="rollNo">Roll No:</label>

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

        <label for="stuName">Student Name:</label>

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

        <label for="stuDept">Student Department:</label>

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

        <label for="passingYear">Passing Year:</label>

        <input type="number" name="passingYear" id="passingYear" required><br><br>

        <label for="classGrades">Class Grades:</label>

        <select name="classGrades" id="classGrades">

            <option value="First Class">First Class</option>

            <option value="Second Class">Second Class</option>

            <option value="Pass">Pass</option>

        </select><br><br>

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

    </form>

    <?php

    // Display the student information from the 'stu' table

    $sql = 'SELECT \* FROM stu';

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

    if ($result) {

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

            echo '<h2>Student Records</h2>';

            echo '<table border="1">';

            echo '<tr><th>Roll No</th><th>Name</th><th>Department</th><th>Passing Year</th><th>Class Grades</th></tr>';

            while ($row = mysqli\_fetch\_assoc($result)) {

                echo '<tr>';

                echo '<td>' . $row['rollNo'] . '</td>';

                echo '<td>' . $row['stuName'] . '</td>';

                echo '<td>' . $row['stuDept'] . '</td>';

                echo '<td>' . $row['passingYear'] . '</td>';

                echo '<td>' . $row['classGrades'] . '</td>';

                echo '</tr>';

            }

            echo '</table>';

        } else {

            echo '<p>No records found.</p>';

        }

    } else {

        echo 'Error querying the database: ' . mysqli\_error($conn);

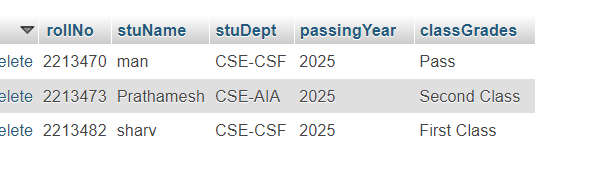
    }

    mysqli\_close($conn);

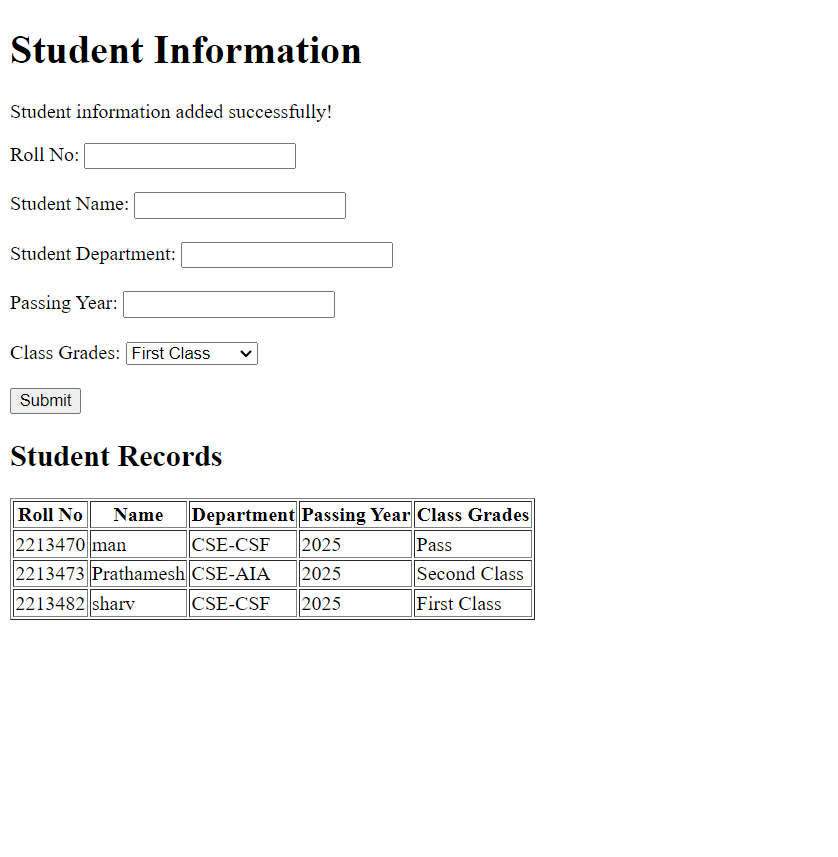
    ?>

</body>

</html>

**Database\_storage :-**

**output**

****