Create the database table with the entries mentioned: [rollNo, studName, studDept,

passingYear, classGrades] Grades should be either {First Class, Second Class, Pass}. Write a

PHP script to display the First class students from CSE department.

**Sql code:**

CREATE TABLE StudentGrades (

rollNo INT PRIMARY KEY,

studName VARCHAR(50),

studDept VARCHAR(50),

passingYear INT,

classGrades VARCHAR(20)

);

<?php

// Connect to your database (replace placeholders with your actual database credentials)

$conn = new mysqli("localhost", "root", "", "exam");

// Check connection

if ($conn->connect\_error) {

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

}

// Check if the form is submitted

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

    // Process form data and insert into the database

    $rollNo = $\_POST["rollNo"];

    $studName = $\_POST["studName"];

    $studDept = $\_POST["studDept"];

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

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

    $insertSQL = "INSERT INTO StudentGrades (rollNo, studName, studDept, passingYear, classGrades)

                  VALUES ('$rollNo', '$studName', '$studDept', '$passingYear', '$classGrades')";

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

        echo "Record inserted successfully!";

    } else {

        echo "Error: " . $insertSQL . "<br>" . $conn->error;

    }

}

// Display First Class Students from CSE Department

$firstClassSQL = "SELECT \* FROM StudentGrades WHERE studDept = 'CSE' AND classGrades = 'First Class'";

$result = $conn->query($firstClassSQL);

// Display results

echo "<h2>First Class Students from CSE Department</h2>";

echo "<table border='1'>

        <tr>

            <th>Roll No</th>

            <th>Name</th>

            <th>Department</th>

            <th>Passing Year</th>

            <th>Class Grades</th>

        </tr>";

while ($row = $result->fetch\_assoc()) {

    echo "<tr>";

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

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

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

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

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

    echo "</tr>";

}

echo "</table>";

// Close the connection

$conn->close();

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Student Grades</title>

</head>

<body>

    <h2>Student Grades</h2>

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

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

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

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

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

        <label for="studDept">Department:</label>

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

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

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

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

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

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

    </form>

</body>

</html>