

**MIT Art Design and Technology University**  
**MIT School of Computing, Pune**  
**Department of Computer Science and Engineering**  
**Third Year B. Tech Academic Year 2022-2023. (SEM-I)**  
**Subject: Web Technology Laboratory**

## **Assignment 9**

**Assignment Title:** Create the database table with the entries mentioned:  
[rollNo, studName, studDept, passingYear, classGrades] Grades should be either {First Class, Second Class, Pass}  
Design the UI as given below and show the appropriate result through PHP script

**Aim:** Create Student record web page with Database

**Objectives:**

1. To understand how PHP connects with database
2. Understand importance of good UI for user convenience

**Outcomes:**

Upon Completion of the assignment the students will be able to

1. Create Web Apps with database connectivity
2. Understand UI elements

**Name:** Rudradev Arya  
**Branch and Division:** CSE TY-CC-B  
**Roll Number:** 2213825  
**Enrollment Number:** MITU21BTCS0489  
**Course Name:** Web Technology Lab

## PHP Code:

```
<!DOCTYPE html>
<html>
<head>
<title>Input Form</title>

</head>

<body>
<h1>Input Form</h1>
<form action = "display.php" method="POST">
<label for="year">Enter Year:</label>
<input type="number" name="year" id="year"
required><br><br>

<label>Class Grades:</label><br>
<input type="radio" name="grades" value="First Class"
id="firstClass">
<label for="firstClass">First Class</label><br>
<input type="radio" name="grades" value="Second Class"
id="secondClass">
<label for="secondClass">Second Class</label><br>
```

```
<input type="radio" name="grades" value="Pass"
id="pass">
<label for="pass">Pass</label><br>
<input type="radio" name="grades" value="Fail"
id="fail">
<label for="fail">Fail</label><br><br>

<input type="submit" name="submit" value="Submit">
</form>
</body>
</html>

<?php

$conn = mysqli_connect('localhost', 'root', 'password',
'wtl_9');

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

    $year = $_REQUEST['year'];
    $grades = $_REQUEST['grades'];

    $sql = 'SELECT * FROM student WHERE passingyear = ? AND
classGrade = ?';

    $stmt = mysqli_prepare($conn, $sql);

    mysqli_stmt_bind_param($stmt, 'si', $year, $grades);
```

```
mysqli_stmt_execute($stmt);

$result = mysqli_stmt_get_result($stmt);

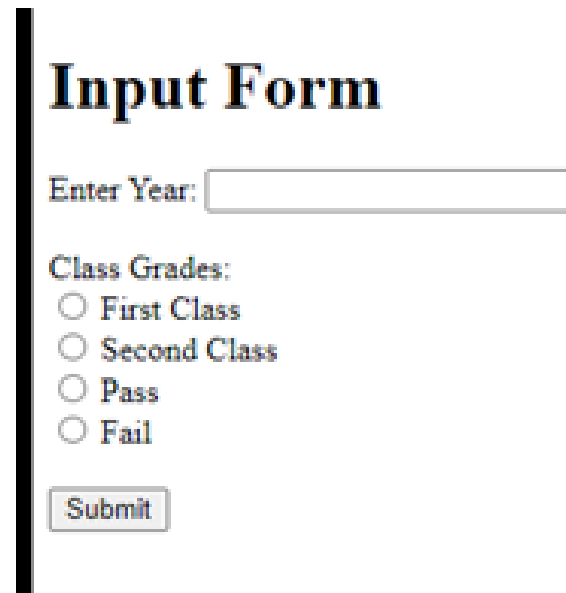
if (mysqli_num_rows($result) > 0) {

while ($row = mysqli_fetch_assoc($result)) {
echo '<p>Roll No: ' . $row['rollNo'] . '</p>';
echo '<p>Name: ' . $row['stuName'] . '</p>';
echo '<p>Department: ' . $row['stuDept'] . '</p>';
echo '<p>Passing Year: ' . $row['passingyear'] . '</p>';
echo '<p>Class Grades: ' . $row['classGrade'] . '</p>';
echo '<hr>';
}
} else {

echo 'No records found';
}

mysqli_close($conn);
}
?>
```

## Output :



**Input Form**

Enter Year:

Class Grades:

☐ First Class

☐ Second Class

☐ Pass

☐ Fail

## Explanation :

The PHP code takes requests through form action, and executes the necessary SQL query.