

29. Create the following tables : Student(roll-no, name, date-of-birth, course-id) Course (Course-id, name, fee, duration, status)

(a) Create a form to accept the data from the user with appropriate validation checks.

(b) Write PL/SQL procedure to do the following :Set the status of course to "not offered" in which the number of candidates is less than 5

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>Student and Course Form</title>

  <style>

    .error {

      color: red;

    }

  </style>

</head>

<body>

  <h2>Student and Course Form</h2>

  <form action="process_data.php" method="post" onsubmit="return validateForm()">

    <!-- Student Information -->

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

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

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

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

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

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

```
<label for="course_id">Course ID:</label>
```

```
<input type="text" id="course_id" name="course_id" required><br>
```

```
<!-- Course Information -->
```

```
<label for="course_name">Course Name:</label>
```

```
<input type="text" id="course_name" name="course_name" required><br>
```

```
<label for="fee">Fee:</label>
```

```
<input type="text" id="fee" name="fee" required><br>
```

```
<label for="duration">Duration:</label>
```

```
<input type="text" id="duration" name="duration" required><br>
```

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

```
</form>
```

```
<script>
```

```
function validateForm() {
```

```
    // Implement your validation logic here
```

```
    // For simplicity, a basic validation is added
```

```
    var fee = document.getElementById("fee").value;
```

```
    if (isNaN(fee) || fee <= 0) {
```

```
        alert("Please enter a valid fee amount.");
```

```

        return false;
    }

    // You can add more validation checks as needed

    return true;
}
</script>
</body>
</html>

CREATE OR REPLACE PROCEDURE update_course_status (p_course_id IN VARCHAR2)
AS
    v_candidate_count NUMBER;
BEGIN
    -- Assuming there is a table named "Student" with a column "course_id"
    SELECT COUNT(*) INTO v_candidate_count
    FROM Student
    WHERE course_id = p_course_id;

    -- Set the course status to 'not offered' if the candidate count is less than 5
    IF v_candidate_count < 5 THEN
        UPDATE Course
        SET status = 'not offered'
        WHERE course_id = p_course_id;

    COMMIT;

```

END IF;

END;

/