LAB EXPERIMENT : 5

To use regular expression for validation in Feedback form.

Code :

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Student Feedback Form</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            margin: 0;
            padding: 0;
            background-image: url("bg.jpg");
            /* Full height */
            height: 100%;

            /* Center and scale the image nicely */
            background-position: center;
            background-repeat: no-repeat;
            background-size: cover;
            color: #333;
        }
        .container {
            max-width: 600px;
            margin: 50px auto;
            background-color: #fff;
            opacity: .8;
            padding: 60px;
            border-radius: 8px;
            box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
        }
        h2 {
            text-align: center;
        }
        label {
            font-weight: bold;

        }
        input[type="text"], textarea, select {
            width: 100%;
            padding: 10px;
            margin-bottom: 20px;
            border: 1px solid #ccc;
            border-radius: 4px;
```

```css
            box-sizing: border-box;
        }
        input[type="radio"] {
            margin-right: 5px;
            margin-bottom: 20px;
        }
        input[type="submit"] {
            background-color: #FF9494;
            color: white;
            padding: 10px 20px;
            border: none;
            border-radius: 4px;
            cursor: pointer;
            float: right;
        }
        input[type="submit"]:hover {
            background-color: #F2789F;
        }
        .error-message {
            color: red;
        }
    </style>
</head>
<body>
    <div class="container">
        <h2>Student Feedback Form</h2>
        <form action="#" method="post" id="feedbackForm" onsubmit="return
validateForm()">
            <label for="studentName">Student Name:</label>
            <input type="text" id="studentName"
name="studentName"  placeholder="Full Name" required>
            <label for="rollNo">Roll Number:</label>
            <input type="text" id="rollNo" name="rollNo" placeholder="Roll
number" required>
            <label for="facultyName">Faculty Name:</label>
            <select id="facultyName" name="facultyName" required>
                <option value="">Select Faculty</option>
                <option value="Dr. John Doe">Dr. John Doe</option>
                <option value="Prof. Jane Smith">Prof. Jane Smith</option>
                <option value="Dr. Emily Brown">Dr. Emily Brown</option>
            </select>
            <label for="subject">Subject:</label>
            <select id="subject" name="subject" required>
                <option value="">Select Subject</option>
                <option value="Mathematics">Mathematics</option>
                <option value="Physics">Physics</option>
                <option value="English">English</option>
            </select>
```

```html
            <label>Rating:</label><br>
            <input type="radio" id="rating1" name="rating" value="1" required>
            <label for="rating1">1</label>
            <input type="radio" id="rating2" name="rating" value="2">
            <label for="rating2">2</label>
            <input type="radio" id="rating3" name="rating" value="3">
            <label for="rating3">3</label>
            <input type="radio" id="rating4" name="rating" value="4">
            <label for="rating4">4</label>
            <input type="radio" id="rating5" name="rating" value="5">
            <label for="rating5">5</label><br>
            <label for="feedback">Describe Your Feedback:</label>
            <textarea id="feedback" name="feedback" rows="4"
placeholder="Write Something Here..."></textarea>
            <input type="submit" value="Submit">
        </form>
        <div id="errorMessages"></div>
    </div>

    <script>
        function validateForm() {
            var studentName = document.getElementById("studentName").value;
            var rollNo = document.getElementById("rollNo").value;
            var facultyName = document.getElementById("facultyName").value;
            var subject = document.getElementById("subject").value;
            var rating =
document.querySelector('input[name="rating"]:checked');
            var feedback = document.getElementById("feedback").value;
            var errorMessages = [];

            // Regular expressions for validation
            var rollNoRegex = /^\d{2}[A-Za-z]{3}\d{3}$/;

            if (!rollNoRegex.test(rollNo)) {
                errorMessages.push("Invalid Roll Number. Format should be
XXABC123.");
            }

            if (!rating) {
                errorMessages.push("Please select a rating.");
            }

            if (errorMessages.length > 0) {
                var errorMessageHtml = "<ul>";
                errorMessages.forEach(function(message) {
                    errorMessageHtml += "<li>" + message + "</li>";
                });
                errorMessageHtml += "</ul>";
```
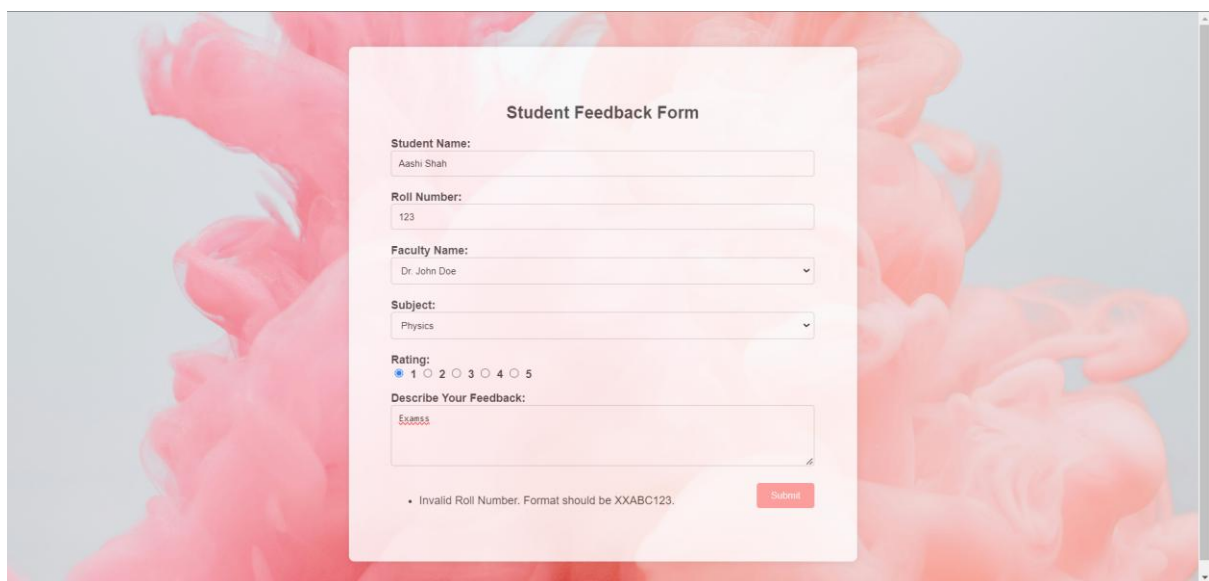
```
                    document.getElementById("errorMessages").innerHTML =
errorMessageHtml;
                return false;
            }

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

Output :