**Aim: To use regular expression for validation in feedback form.**

**Code:**

```
<!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;


box-sizing: border-box;

}

input[type="radio"] { margin-right: 5px; margin-bottom: 20px;

}

input[type="submit"] { background-color: #6a64e6; color: white;

padding: 10px 20px; border: none; border-radius: 4px; cursor: pointer; float: right;

}

input[type="submit"]:hover { background-color: #3e3caa;

}

.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="Shivangi Mm'am">Shivangi Mm'am</option>

<option value="Santosh sir">Santosh sir</option>

```html
<option value="Vivek sir">Vivek sir</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>


<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() {
```

```javascript
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 beXXABC123.");

}


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:**