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**Assignment No. 02**

**Problem Statement -** Perform the user data validations. (Name, Password, Phone, Email, Address etc.) using JAVAScript/JQuery.

**Code –**

1. **Omkar2.html**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Student Placement Qualification Check</title>

<script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>

<style>

body {

font-family: Arial, sans-serif;

background-color: #f4f4f9;

padding: 20px;

}

h2 {

color: #333;

text-align: center;

}

form {

max-width: 600px;

margin: 0 auto;

background-color: #fff;

padding: 20px;

border-radius: 8px;

box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

}

label {

font-size: 1.1em;

color: #333;

}

input, textarea {

width: 100%;

padding: 10px;

margin: 10px 0;

border: 1px solid #ccc;

border-radius: 5px;

font-size: 1em;

}

input:focus, textarea:focus {

border-color: #6fa3ef;

outline: none;

}

button {

width: 100%;

padding: 12px;

font-size: 1.1em;

background-color: #4CAF50;

color: white;

border: none;

border-radius: 5px;

cursor: pointer;

}

button:hover {

background-color: #45a049;

}

.error {

color: red;

font-size: 0.9em;

margin-top: 5px;

}

.form-group {

margin-bottom: 20px;

}

.form-group label {

display: block;

}

</style>

</head>

<body>

<h2>Student Placement Qualification Check</h2>

<form id="qualificationForm">

<div class="form-group">

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

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

<span class="error" id="nameError"></span>

</div>

<div class="form-group">

<label for="roll">Roll Number:</label>

<input type="text" id="roll" name="roll" required>

<span class="error" id="rollError"></span>

</div>

<div class="form-group">

<label for="cgpa">CGPA:</label>

<input type="text" id="cgpa" name="cgpa" required>

<span class="error" id="cgpaError"></span>

</div>

<div class="form-group">

<label for="backlogs">Number of Backlogs:</label>

<input type="number" id="backlogs" name="backlogs" required>

<span class="error" id="backlogsError"></span>

</div>

<div class="form-group">

<label for="skills">Technical Skills:</label>

<textarea id="skills" name="skills" required></textarea>

<span class="error" id="skillsError"></span>

</div>

<button type="submit">Submit</button>

</form>

<script>

$(document).ready(function() {

$("#qualificationForm").on("submit", function(event) {

let isValid = true;

$(".error").text("");

const name = $("#name").val().trim();

if (name.length < 3) {

$("#nameError").text("Name must be at least 3 characters long.");

isValid = false;

}

const roll = $("#roll").val().trim();

if (roll.length < 4) {

$("#rollError").text("Roll number must be at least 4 characters long.");

isValid = false;

}

const cgpa = parseFloat($("#cgpa").val().trim());

if (isNaN(cgpa) || cgpa < 0 || cgpa > 10) {

$("#cgpaError").text("Please enter a valid CGPA between 0 and 10.");

isValid = false;

}

const backlogs = parseInt($("#backlogs").val().trim());

if (isNaN(backlogs) || backlogs < 0) {

$("#backlogsError").text("Please enter a valid number of backlogs.");

isValid = false;

}

const skills = $("#skills").val().trim();

if (skills.length < 5) {

$("#skillsError").text("Please enter at least 5 characters for technical skills.");

isValid = false;

}

if (!isValid) {

event.preventDefault();

}

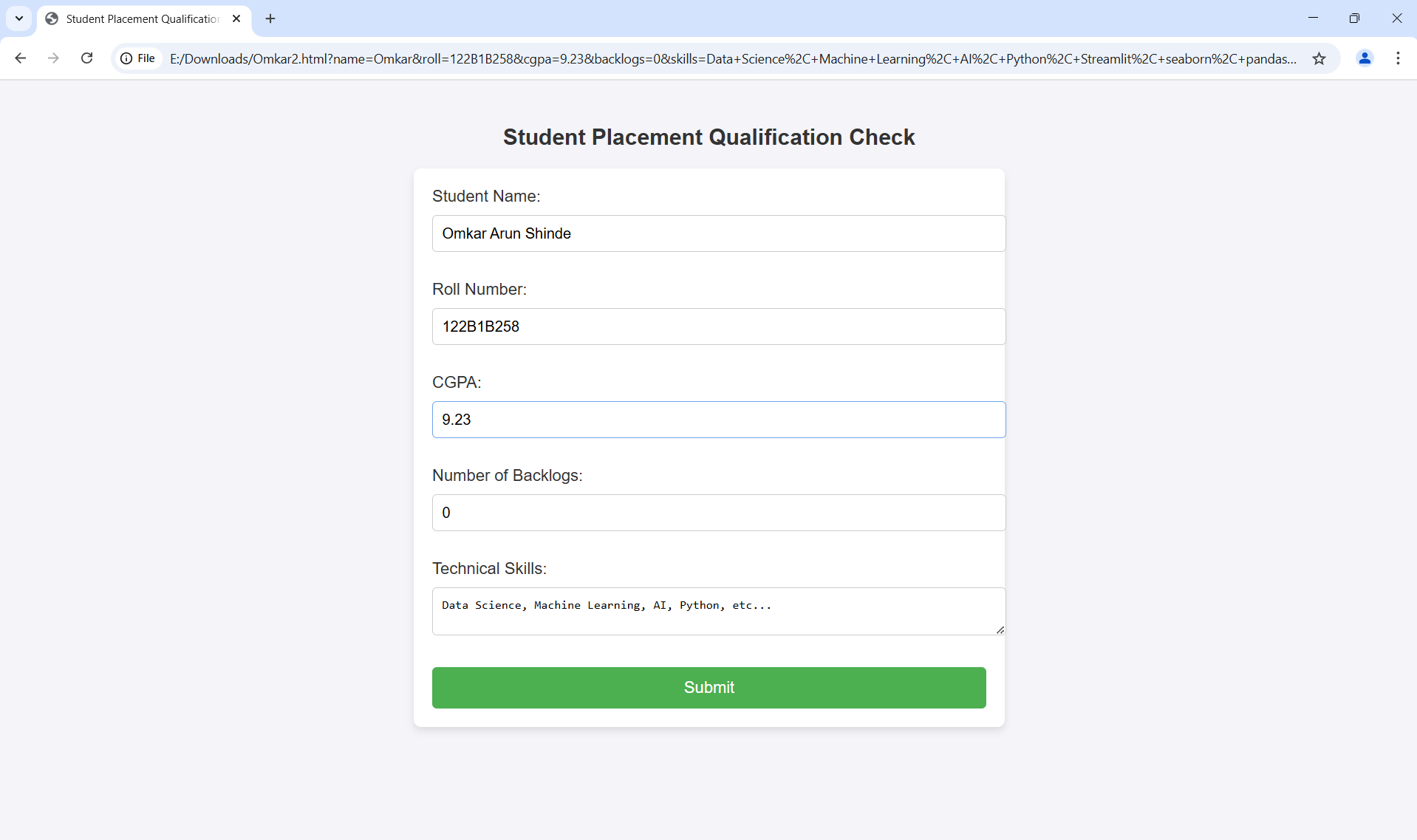
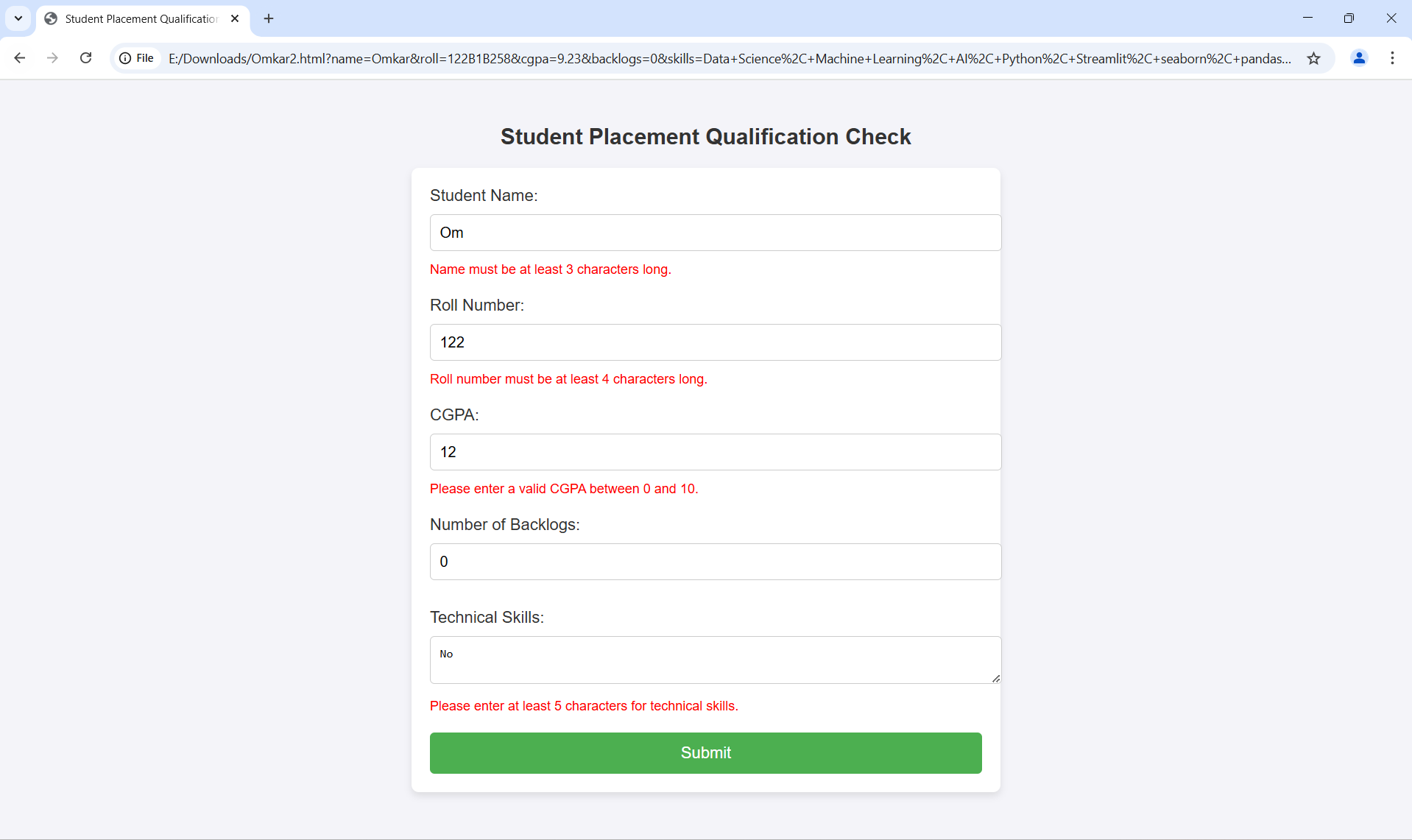
});

});

</script>

</body>

</html>

**Output: **