**Assignment Number 02**

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**Batch:** C/C-3

**Code:**

Validornot.html:  
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Modern Registration Form</title>

    <link rel="stylesheet" href="style.css">

    <script src="script.js" defer></script>

</head>

<body>

    <div class="form-wrapper">

        <h1>Register Here</h1>

        <form name="registration" onsubmit="return formValidation();">

            <div class="form-field">

                <label for="userid">User ID</label>

                <input type="text" id="userid" name="userid" placeholder="Enter your user ID">

            </div>

            <div class="form-field">

                <label for="passid">Password</label>

                <input type="password" id="passid" name="passid" placeholder="Enter a strong password">

            </div>

            <div class="form-field">

                <label for="username">Full Name</label>

                <input type="text" id="username" name="username" placeholder="Enter your full name">

            </div>

            <div class="form-field">

                <label for="email">Email</label>

                <input type="email" id="email" name="email" placeholder="Enter your email">

            </div>

            <div class="form-field">

                <label for="country">Country</label>

                <select id="country" name="country">

                    <option value="Default" selected>Choose your country</option>

                    <option value="AF">Australia</option>

                    <option value="AL">Canada</option>

                    <option value="DZ">India</option>

                    <option value="AS">Russia</option>

                    <option value="AD">USA</option>

                </select>

            </div>

            <div class="form-field">

                <label for="gender">Gender</label>

                <div class="radio-group">

                    <label><input type="radio" name="gender" value="Male"> Male</label>

                    <label><input type="radio" name="gender" value="Female"> Female</label>

                </div>

            </div>

            <div class="form-field">

                <label for="desc">About You</label>

                <textarea id="desc" name="desc" placeholder="Tell us something about yourself"></textarea>

            </div>

            <button type="submit" class="btn-submit">Register</button>

        </form>

    </div>

</body>

</html>

Style.css:

/\* Reset \*/

\* {

    margin: 0;

    padding: 0;

    box-sizing: border-box;

    font-family: 'Arial', sans-serif;

}

/\* Body Styling \*/

body {

    background: linear-gradient(135deg, #6a11cb, #2575fc);

    display: flex;

    justify-content: center;

    align-items: center;

    min-height: 100vh;

}

/\* Wrapper Styling \*/

.form-wrapper {

    background: #fff;

    padding: 30px;

    border-radius: 12px;

    box-shadow: 0 4px 15px rgba(0, 0, 0, 0.2);

    width: 100%;

    max-width: 400px;

    text-align: center;

}

h1 {

    font-size: 24px;

    color: #333;

    margin-bottom: 20px;

}

/\* Form Fields \*/

.form-field {

    margin-bottom: 15px;

    text-align: left;

}

label {

    font-size: 14px;

    color: #555;

    display: block;

    margin-bottom: 5px;

}

input, select, textarea {

    width: 100%;

    padding: 10px;

    border: 1px solid #ddd;

    border-radius: 8px;

    font-size: 14px;

}

textarea {

    resize: none;

    height: 80px;

}

.radio-group label {

    display: inline-block;

    margin-right: 10px;

    font-size: 14px;

    color: #555;

}

/\* Submit Button \*/

.btn-submit {

    background: #6a11cb;

    color: #fff;

    padding: 12px 20px;

    border: none;

    border-radius: 8px;

    font-size: 16px;

    cursor: pointer;

    transition: background 0.3s ease;

    width: 100%;

}

.btn-submit:hover {

    background: #2575fc;

}

Script.js:

function formValidation() {

    const userid = document.registration.userid;

    const passid = document.registration.passid;

    const username = document.registration.username;

    const email = document.registration.email;

    const country = document.registration.country;

    const gender = document.registration.gender;

    if (!validateLength(userid, 5, 12, "User ID")) return false;

    if (!validateLength(passid, 7, 12, "Password")) return false;

    if (!validateName(username)) return false;

    if (!validateEmail(email)) return false;

    if (!validateDropdown(country, "Country")) return false;

    if (!validateGender(gender)) return false;

    alert("Registration Successful!");

    return true;

}

function validateLength(field, min, max, fieldName) {

    if (field.value.length < min || field.value.length > max) {

        alert(`${fieldName} must be between ${min} and ${max} characters.`);

        field.focus();

        return false;

    }

    return true;

}

function validateName(nameField) {

    if (!/^[A-Za-z\s]+$/.test(nameField.value)) {

        alert("Name can only contain letters and spaces.");

        nameField.focus();

        return false;

    }

    return true;

}

function validateEmail(emailField) {

    const emailPattern = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;

    if (!emailPattern.test(emailField.value)) {

        alert("Please enter a valid email address.");

        emailField.focus();

        return false;

    }

    return true;

}

function validateDropdown(dropdown, fieldName) {

    if (dropdown.value === "Default") {

        alert(`Please select a ${fieldName}.`);

        dropdown.focus();

        return false;

    }

    return true;

}

function validateGender(genderField) {

    const genders = document.getElementsByName("gender");

    if (![...genders].some(gender => gender.checked)) {

        alert("Please select a gender.");

        return false;

    }

    return true;

}

OUTPUT:





