Assignment 3

Interactive User Registration Form

Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Registration Form</title>
    <style>
        .container{
            background-color: white;
            border-radius: 10px;
            box-shadow: 0 5px 15px rgba(0, 0, 0, 0.1);
            padding: 30px;
            width: 100%;
            height: 1000px;
            max-width: 500px;
            position: relative;
            left: 500px;
        }
        h1{
            justify-self: center;
        }
        #fname{
            color:grey;
            font-size: large;
        }
        .name-input {
            border-radius: 4px;
            width: 100%;
            padding: 10px;
            border: 2px solid lightgrey;
        }
        .name{
            display: flex;
            gap: 20px;
        }
        .name-container {
            flex: 1;
        }
        #fname2{
```

```css
        color:grey;
        font-size: large;
    }
    #mail{
        color:grey;
        font-size: large;
        position: relative;
        top: 50px;
    }
    #email{
        border-radius: 5px;
        width: 90%;
        position: relative;
        top: 60px;
        padding: 12px;
        border: 2px solid lightgrey;
    }
    #passs{
        color:grey;
        font-size: large;
        position: relative;
        top:79px;
    }
    #password{
        position: relative;
        top:90px;
        padding: 12px;
        border: 2px solid lightgrey;
        border-radius: 4px;
        width: 90%;
    }
    #cpasss{
        color:grey;
        font-size: large;
        position: relative;
        top:100px;
    }
    #cpassword{
        position: relative;
        top:110px;
        padding: 12px;
        border: 2px solid lightgrey;
        border-radius: 4px;
        width: 90%;
    }
    #dob{
        color:grey;
        font-size: large;
```

```css
        position: relative;
        top:120px;
    }
    #datte{
        position: relative;
        top:130px;
        padding: 12px;
        border: 2px solid lightgrey;
        border-radius: 4px;
        width: 90%;
        color:grey
    }
    .radio-group {
        display: flex;
        flex-direction: column;
        gap: 10px;
        margin-top: 5px;
        position: relative;
        top:150px;
        color: gray;
    }
    #gen{
        position: relative;
        top:150px;
        color: gray;
    }
    #ch{
        position: relative;
        top:200px
    }
    #terms{
        position: relative;
        top:200px;
        color: grey;
    }
    #submit-btn {
        width: 100%;
        padding: 14px;
        background-color: #4a90e2;
        color: white;
        border: none;
        border-radius: 5px;
        font-size: 16px;
        font-weight: 600;
        cursor: pointer;
        transition: background-color 0.3s;
        position: relative;
        top:210px
```

```html
        }
        #submit-btn:hover {
            background-color: #3a7bc8;
        }
        .error-message {
            color: red;
            font-size: 12px;
            margin-top: 5px;
            display: none;
        }
    </style>
</head>
<body>
    <form id="registrationForm">
    <div class="container">
        <h1>Create Your Account</h1>
        <div class="prename">
            <div class="name">
                <div class="name-container">
                    <label id="fname">Firstname</label><br>
                    <input type="text" id="fname1" class="name-input"
required>
                    <span class="error-message" id="fname-error"></span>
                </div>
                <div class="name-container">
                    <label id="fname2">Lastname</label><br>
                    <input type="text" id="lname1" class="name-input"
required>
                    <span class="error-message" id="lname-error"></span>
                </div>
            </div>
        </div>

        <div id="premail">
            <label id="mail">Email Address</label>
            <input type="email" id="email" required>
            <span class="error-message" id="email-error"></span>
        </div>

        <div id="pass">
            <label id="passs">Password</label>
            <input type="password" id="password" required>
            <span class="error-message" id="password-error"></span>

            <label id="cpasss">Confirm Password</label>
            <input type="password" id="cpassword" required>
            <span class="error-message" id="cpassword-error"></span>
        </div>
```

```html
        <div id="date">
            <label id="dob">Date of birth</label>
            <input type="date" id="datte" required>
            <span class="error-message" id="dob-error"></span>
        </div>

        <div>
            <label id="gen">Gender</label>
                <div class="radio-group">
                    <label>
                        <input type="radio" name="gender" value="male"
checked> Male
                    </label>
                    <label>
                        <input type="radio" name="gender" value="female">
Female
                    </label>
                    <label>
                        <input type="radio" name="gender" value="other">
Other
                    </label>
                    <label>
                        <input type="radio" name="gender" value="prefer-
not-to-say"> Prefer not to say
                    </label>
                </div>
        </div>

        <div>
            <input type="checkbox" required id="ch">
            <label id="terms">I agree to the <a href="#">Terms and
Conditions</a></label>
            <span class="error-message" id="terms-error"></span>
        </div>

        <button type="submit" id="submit-btn">Register</button>
    </div>
    </form>

    <script>
        document.addEventListener('DOMContentLoaded', function() {
            const form = document.getElementById('registrationForm');
            const passwordInput = document.getElementById('password');
            const confirmPasswordInput =
document.getElementById('cpassword');

            form.addEventListener('submit', function(e) {
```

```javascript
            e.preventDefault();
            let isValid = true;

            // Validate first name
            const firstName = document.getElementById('fname1');
            if (firstName.value.trim() === '') {
                showError('fname-error', 'First name is required');
                isValid = false;
            } else {
                hideError('fname-error');
            }

            // Validate last name
            const lastName = document.getElementById('lname1');
            if (lastName.value.trim() === '') {
                showError('lname-error', 'Last name is required');
                isValid = false;
            } else {
                hideError('lname-error');
            }

            // Validate email
            const email = document.getElementById('email');
            const emailRegex = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
            if (!emailRegex.test(email.value)) {
                showError('email-error', 'Please enter a valid email
address');
                isValid = false;
            } else {
                hideError('email-error');
            }

            // Validate password
            if (passwordInput.value.length < 8) {
                showError('password-error', 'Password must be at least
8 characters');
                isValid = false;
            } else {
                hideError('password-error');
            }

            // Validate password confirmation
            if (passwordInput.value !== confirmPasswordInput.value) {
                showError('cpassword-error', 'Passwords do not match');
                isValid = false;
            } else {
                hideError('cpassword-error');
            }
```

```
            // Validate date of birth
            const dob = document.getElementById('datte');
            if (!dob.value) {
                showError('dob-error', 'Date of birth is required');
                isValid = false;
            } else {
                hideError('dob-error');
            }

            // Validate terms checkbox
            const terms = document.getElementById('ch');
            if (!terms.checked) {
                showError('terms-error', 'You must accept the terms and
conditions');
                isValid = false;
            } else {
                hideError('terms-error');
            }

            if (isValid) {
                alert('Registration successful!');
                form.reset();
            }
        });

        function showError(id, message) {
            const errorElement = document.getElementById(id);
            errorElement.textContent = message;
            errorElement.style.display = 'block';
        }

        function hideError(id) {
            const errorElement = document.getElementById(id);
            errorElement.style.display = 'none';
        }
    });
</script>
</body>
</html>
```

Creat

Firstname

Naresh	P

Email Address

naresh@gmail.com

Password

••••••••

Confirm Password

••••••••

Date of birth

31 - 12 - 2009

Gender

◉ Male
○ Female
○ Other
○ Prefer not to say

☑ I agree to the Terms and Conditions

Register