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Week 1 Assignment

Q: Create one form with input and apply css to it.

**CODE:**

<!DOCTYPE html>

<html>

<head>

<title>Registration Form</title>

<style>

body {

font-family: Arial, sans-serif;

background-color: #f5f5f5;

margin: 0;

padding: 20px;

}

.container {

max-width: 400px;

margin: 0 auto;

background-color: #fff;

padding: 20px;

border-radius: 8px;

box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);

}

h2 {

text-align: center;

margin-top: 0;

}

.form-group {

margin-bottom: 20px;

}

label {

display: block;

font-weight: bold;

margin-bottom: 5px;

}

input[type="text"],

input[type="email"],

input[type="password"] {

width: 100%;

padding: 8px;

border: 1px solid #ccc;

border-radius: 4px;

box-sizing: border-box;

}

.submit-button {

display: block;

width: 100%;

padding: 10px;

background-color: #4CAF50;

color: #fff;

border: none;

border-radius: 4px;

cursor: pointer;

font-size: 16px;

transition: background-color 0.3s;

}

.submit-button:hover {

background-color: #45a049;

}

.error-message {

color: #ff0000;

margin-top: 5px;

}

</style>

</head>

<body>

<div class="container">

<h2>Registration Form</h2>

<form id="registration-form">

<div class="form-group">

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

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

<span id="name-error" class="error-message"></span>

</div>

<div class="form-group">

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

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

<span id="email-error" class="error-message"></span>

</div>

<div class="form-group">

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

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

<span id="password-error" class="error-message"></span>

</div>

<input type="submit" class="submit-button" value="Register">

</form>

</div>

<script>

const form = document.getElementById('registration-form');

const nameInput = document.getElementById('name');

const emailInput = document.getElementById('email');

const passwordInput = document.getElementById('password');

form.addEventListener('submit', function(event) {

event.preventDefault();

validateForm();

});

function validateForm() {

clearErrors();

let isValid = true;

if (nameInput.value.trim() === '') {

displayError(nameInput, 'Please enter your name');

isValid = false;

}

if (emailInput.value.trim() === '') {

displayError(emailInput, 'Please enter your email');

isValid = false;

} else if (!isValidEmail(emailInput.value.trim())) {

displayError(emailInput, 'Please enter a valid email');

isValid = false;

}

if (passwordInput.value.trim() === '') {

displayError(passwordInput, 'Please enter a password');

isValid = false;

} else if (passwordInput.value.trim().length < 6) {

displayError(passwordInput, 'Password must be at least 6 characters');

isValid = false;

}

if (isValid) {

// Submit the form or perform other actions

showSuccessMessage('Registration successful!');

}

}

function displayError(input, message) {

const errorSpan = document.getElementById(input.id + '-error');

errorSpan.innerText = message;

input.classList.add('error');

}

function clearErrors() {

const errorMessages = document.getElementsByClassName('error-message');

for (let i = 0; i < errorMessages.length; i++) {

errorMessages[i].innerText = '';

}

const errorInputs = document.getElementsByClassName('error');

for (let i = 0; i < errorInputs.length; i++) {

errorInputs[i].classList.remove('error');

}

}

function isValidEmail(email) {

// Basic email validation

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

return emailRegex.test(email);

}

function showSuccessMessage(message) {

const successMessage = document.createElement('p');

successMessage.classList.add('success-message');

successMessage.innerText = message;

form.appendChild(successMessage);

setTimeout(function() {

successMessage.remove();

form.reset();

}, 3000);

}

</script>

</body>

</html>

**Output:**



