const form = document.getElementById('form');const username = document.getElementById('username');const email = document.getElementById('email');const password = document.getElementById('password');const password2 = document.getElementById('password2');form.addEventListener('submit', e => { e.preventDefault(); validateInputs();});const setError = (element, message) => { const inputControl = element.parentElement; const errorDisplay = inputControl.querySelector('.error'); errorDisplay.innerText = message; inputControl.classList.add('error'); inputControl.classList.remove('success')}const setSuccess = element => { const inputControl = element.parentElement; const errorDisplay = inputControl.querySelector('.error'); errorDisplay.innerText = ''; inputControl.classList.add('success'); inputControl.classList.remove('error');};const isValidEmail = email => { const re = /^(([^<>()[\]\\.,;:\s@"]+(\.[^<>()[\]\\.,;:\s@"]+)\*)|(".+"))@((\[[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\])|(([a-zA-Z\-0-9]+\.)+[a-zA-Z]{2,}))$/; return re.test(String(email).toLowerCase());}const validateInputs = () => { const usernameValue = username.value.trim(); const emailValue = email.value.trim(); const passwordValue = password.value.trim(); const password2Value = password2.value.trim();if(usernameValue === '') { setError(username, 'Username is required'); } else { setSuccess(username); } if(emailValue === '') { setError(email, 'Email is required'); } else if (!isValidEmail(emailValue)) { setError(email, 'Provide a valid email address'); } else { setSuccess(email); } if(passwordValue === '') { setError(password, 'Password is required'); } else if (passwordValue.length < 8 ) { setError(password, 'Password must be at least 8 character.') } else { setSuccess(password); } if(password2Value === '') { setError(password2, 'Please confirm your password'); } else if (password2Value !== passwordValue) { setError(password2, "Passwords doesn't match"); } else { setSuccess(password2); }};