const passwordLength = () => {

let inputVal = document.querySelector(’#input’).value; const inputLen = document.querySelector(’#inputLen’);

document.querySelector(’#percent’).style.color = ’transparent’;

if (inputVal.includes(’ ’)){

inputLen.innerHTML = ’Whitespaces are not allowed’; document.querySelector(’.progress’).style.display = ’none’ return;

}

if (inputVal.length === 0) { inputLen.innerHTML = ’’;

document.querySelector(’.progress’).style.display = ’none’ return;

}

if (inputVal.length < 5) {

inputLen.innerHTML = ’Minimum password length is 5’; document.querySelector(’.progress’).style.display = ’none’ return;

}

if (inputVal.length >= 5) { inputLen.innerHTML = ’’;

document.querySelector(’.progress’).style.display = ’inline-block’;

}

if(inputVal.length > 12) {

inputLen.innerHTML = ’Maximum password length is 12’; document.querySelector(’.progress’).style.display = ’none’ return

}

const lower = /[a-z]/.test(inputVal); const upper = /[A-Z]/.test(inputVal); const digit = /[0-9]/.test(inputVal);

const specialChar = /[$@#&!]/.test(inputVal); let passStrength = 0;

if (lower){ passStrength += 25;

document.querySelector(’#percent’).innerHTML = passStrength;

}

if (upper) { passStrength += 25;

document.querySelector(’#percent’).innerHTML = passStrength;

}

if (digit) {

passStrength += 25; document.querySelector(’#percent’).innerHTML = passStrength;

}

if (specialChar) { passStrength += 25;

document.querySelector(’#percent’).innerHTML = passStrength;

}

document.querySelector(’#percent’).innerHTML += ’%’;

let percentage = document.querySelector(’#percent’).innerHTML; if (percentage === ’25%’){

document.querySelector(’.progressBar’).style.background = ’red’; document.querySelector(’.progressBar’).style.width = percentage;

}

if (percentage === ’50%’){ document.querySelector(’.progressBar’).style.background = ’#FAD054’; document.querySelector(’.progressBar’).style.width = percentage;

}

if (percentage === ’75%’){ document.querySelector(’.progressBar’).style.background = ’blue’; document.querySelector(’.progressBar’).style.width = percentage;

}

if (percentage === ’100%’){ document.querySelector(’.progressBar’).style.background = ’green’; document.querySelector(’.progressBar’).style.width = percentage;

}

}

document.querySelector(’#input’).addEventListener(’keyup’, passwordLength);

const clickToCheck = (event) => { event.preventDefault();

inputVal = document.querySelector(’#input’).value;

if(!inputVal.includes(’ ’) && inputVal.length > 5 && inputVal.length <= 12) { document.querySelector(’#percent’).style.color = ’#000000’;

}

}

document.querySelector(’button’).addEventListener(’click’, clickToCheck);