Q1 :

A form with text and stars

AI-generated content may be incorrect.

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Register Form</title>

    <style>

    </style>

</head>

<body>

    <header></header>

    <main>

        <h1>Register for an Account</h1>

        <div id="error\_message"></div>

        <form id="register\_form" name="register\_form" action="register.html" method="post">

            <div>

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

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

                <span id="error">\*</span>

            </div>

            <div>

                <label for="phone">Phone:</label>

                <input type="tel" id="phone" name="phone" required>

                <span id="error">\*</span>

            </div>

            <div>

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

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

                    <option value="">Select a country</option>

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

                    <option value="US">United States</option>

                    <option value="MX">Mexico</option>

                </select>

                <span id="error">\*</span>

            </div>

            <div>

                <label for="contact">How do you want to be contacted?</label>

                <input type="radio" id="contact\_text" name="contact" value="text" required>

                <label for="contact\_text">Text</label>

                <input type="radio" id="contact\_email" name="contact" value="email" required>

                <label for="contact\_email">Email</label>

                <input type="radio" id="contact\_none" name="contact" value="none" required>

                <label for="contact\_none">Don't contact me</label>

            </div>

            <div>

                <label for="terms">Terms and Conditions:</label>

                <input type="checkbox" id="terms" name="terms" required>

                <label for="terms">I accept </label>

                <span id="error">\*</span>

            </div>

            <button type="submit" id="register\_button" value="register">Register</button>

            <button type="reset" id="reset\_button" value="reset">Reset</button>

        </form>

    </main>

    <footer></footer>

    <script src="EX1.js"></script>

</body>

</html>

JS:

"use strict";

        // define a function that gets an HTML element

*function* getElement(*selector*) {

            return document.querySelector(*selector*);

        }

        // define a function that handles the click event of the Join button

*function* registerButtonClick(*event*) {

            // get user entries from text boxes

*const* email = getElement("#email").value;                           // get email address

*const* phone = getElement("#phone").value;                           // get phone number

*const* country = getElement("#country").value;                       // get country code

*const* contact = getElement("input[name='contact']:checked").value;  // get contact type

*const* terms = getElement("#terms").checked;                         // get terms acceptance(true/false)

            // check user entries for validity and provide error messages by checking each field is empty or not

*let* invalid = false;

            if (email == "") {

                getElement("#email\_1\_error").textContent = "Email is required.";

                invalid = true;

            } else {

                getElement("#email\_1\_error").textContent = "";

            }

            if (phone == "") {

                getElement("#phone\_error").textContent = "Phone is required.";

                invalid = true;

            } else {

                getElement("#phone\_error").textContent = "";

            }

            if (country == "") {

                getElement("#country\_error").textContent = "Country is required.";

                invalid = true;

            } else {

                getElement("#country\_error").textContent = "";

            }

            if (!terms) {

                getElement("#terms\_error").textContent = "You must accept the terms.";

                invalid = true;

            } else {

                getElement("#terms\_error").textContent = "";

            }

            // cancel form submit if any user entries are invalid

            if (invalid) {

*event*.preventDefault();

            }

        };

        // add code that's run when the web page is loaded

        document.addEventListener("DOMContentLoaded", () *=>* {

            // specify the function that's run when the Join button is clicked

            getElement("#register\_button").addEventListener("click", registerButtonClick);

        });

Q2:

A black and white line

AI-generated content may be incorrect.

A black and white line

AI-generated content may be incorrect.

A black and white text

AI-generated content may be incorrect.

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Quiz challenge</title>

    <style>

        /\* CSS Placeholder \*/

        body {

*font-family*: Arial, sans-serif;

*margin*: 0;

*padding*: 0;

*background-color*: #f0f0f0;

        }

        .container {

*max-width*: 1200px;

*margin*: 0 auto;

*padding*: 20px;

        }

        form {

*margin*: 10px 0;

*border-top*: solid 1px #000000;

*padding*: 10px 0;

        }

        h3 {

*margin*: 0 auto;

*text-align*: center;

        }

        .submit {

*margin*: 0 auto;

        }

    </style>

</head>

<body>

    <div class="container">

        <h1>Quiz Challenge</h1>

        <button id="start">Starting counting down <span id="countdown">1:00</span> [mm:ss]</button>

        <form>

            <h3 id="notification" style="display: none;">Time is up!!!</h3>

            <div id="hiddenForm" style="display: none;">

                <div>

                    <label for="question1">Question 1: How many people are there in your class?

                        <input type="text" id="question1" name="question1" placeholder="0" required>

                    </label>

                </div>

                <div>

                    <label for="question2">Question 2: How do you feel now?

                        <input type="radio" id="question2" name="question2" value="good" required> Good

                        <input type="radio" id="question2" name="question2" value="bad" required> Bad

                    </label>

                </div>

            </div>

            <button type="submit" class="submit" id="submit" style="display: none;">Submit your answers</button>

        </form>

    </div>

    <script src = "EX2.js"></script>

</body>

</html>

JS:

*function* getElement(*selector*) {

    return document.querySelector(*selector*);

}

*const* form = getElement('#hiddenForm');

*const* submitButton = getElement('#submit');

*const* notification = getElement('#notification');

*function* startCountdown() {

    form.style.display = 'block';

*let* count = 60;

*let* interval = setInterval(*function*() {

        count--;

*let* minutes = Math.floor(count / 60);

*let* seconds = count % 60;

        getElement('#countdown').textContent = `${minutes}:${seconds < 10 ? '0' + seconds : seconds}`;

        if (count <= 0) {

            clearInterval(interval);

            form.style.display = 'none';

            getElement('#start').style.display = 'none';

            notification.style.display = 'block';

            submitButton.style.display = 'block';

        }

    }, 1000);

}

document.addEventListener("DOMContentLoaded", () *=>* {

    // specify the function that's run when the Join button is clicked

    getElement("#start").addEventListener("click", startCountdown);

});