RollNo. – 2022UIT3031

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PRACTICAL-2

Create a web page to show form controls like check box, submit button etc. Also the web page should be in questionnaire form.

**CODES**

*index.html*

<!DOCTYPE *html*>

<html *lang*="en">

<head>

    <meta *charset*="UTF-8">

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

    <title>Travel Preferences Questionnaire</title>

    <link *rel*="stylesheet" *href*="styles.css">

</head>

<body>

    <div *class*="container">

        <h2>Travel Preferences Questionnaire</h2>

        <form *id*="travel-form" *onsubmit*="submitForm(event)">

            <div *class*="form-group">

                <label *for*="vacation-type">What type of vacation do you prefer?</label>

                <label><input *type*="radio" *name*="vacation-type" *value*="Beach"> Beach</label><br>

                <label><input *type*="radio" *name*="vacation-type" *value*="Mountain"> Mountain</label><br>

                <label><input *type*="radio" *name*="vacation-type" *value*="City"> City</label><br>

                <label><input *type*="radio" *name*="vacation-type" *value*="Adventure"> Adventure</label><br>

                <label><input *type*="radio" *name*="vacation-type" *value*="Relaxation"> Relaxation</label>

            </div>

            <div *class*="form-group">

                <label *for*="duration">What's your ideal duration for a vacation?</label>

                <label><input *type*="radio" *name*="duration" *value*="Weekend"> Weekend</label><br>

                <label><input *type*="radio" *name*="duration" *value*="1 Week"> 1 Week</label><br>

                <label><input *type*="radio" *name*="duration" *value*="2 Weeks"> 2 Weeks</label><br>

                <label><input *type*="radio" *name*="duration" *value*="Longer"> Longer</label>

            </div>

            <div *class*="form-group">

                <label *for*="transportation">What mode of transportation do you prefer?</label>

                <label><input *type*="checkbox" *name*="transportation" *value*="Airplane"> Airplane</label><br>

                <label><input *type*="checkbox" *name*="transportation" *value*="Train"> Train</label><br>

                <label><input *type*="checkbox" *name*="transportation" *value*="Car"> Car</label><br>

                <label><input *type*="checkbox" *name*="transportation" *value*="Boat"> Boat</label>

            </div>

            <div *class*="form-group">

                <label *for*="accommodation">What is your preferred accommodation type?</label>

                <label><input *type*="radio" *name*="accommodation" *value*="Hotel"> Hotel</label><br>

                <label><input *type*="radio" *name*="accommodation" *value*="Hostel"> Hostel</label><br>

                <label><input *type*="radio" *name*="accommodation" *value*="AirBnB"> AirBnB</label><br>

                <label><input *type*="radio" *name*="accommodation" *value*="Resort"> Resort</label><br>

                <label><input *type*="radio" *name*="accommodation" *value*="Camping"> Camping</label>

            </div>

            <div *class*="form-group">

                <label *for*="destination">What destination would you like to visit next?</label>

                <input *type*="text" *name*="destination" *placeholder*="Enter destination">

            </div>

            <div *class*="form-group">

                <button *type*="submit" *class*="submit-btn">Submit Preferences</button>

            </div>

        </form>

    </div>

    <div *class*="container">

        <h2>Your Travel Preferences</h2>

        <div *id*="results"></div>

    </div>

    <script>

***function*** submitForm(event) {

            event.preventDefault();

***const*** form **=** document.getElementById('travel-form');

***const*** vacationType **=** form.querySelector('input[name="vacation-type"]:checked')?.value;

***const*** duration **=** form.querySelector('input[name="duration"]:checked')?.value;

***const*** transportation **=** Array.from(form.querySelectorAll('input[name="transportation"]:checked')).map(el ***=>*** el.value);

***const*** accommodation **=** form.querySelector('input[name="accommodation"]:checked')?.value;

***const*** destination **=** form.querySelector('input[name="destination"]').value;

***const*** resultsDiv **=** document.getElementById('results');

            resultsDiv.innerHTML **=** `

                <div class="result"><strong>Preferred Vacation Type:</strong> ${vacationType}</div>

                <div class="result"><strong>Ideal Vacation Duration:</strong> ${duration}</div>

                <div class="result"><strong>Preferred Transportation:</strong> ${transportation.join(', ')}</div>

                <div class="result"><strong>Preferred Accommodation:</strong> ${accommodation}</div>

                <div class="result"><strong>Desired Destination:</strong> ${destination}</div>

            `;

        }

    </script>

</body>

</html>

***styles.css***

body {

    font-family: Arial, sans-serif;

    margin: 0;

    padding: 0;

    background-color: #f4f4f4;

    display: flex;

    flex-direction: column;

    justify-content: center;

    align-items: center;

}

*.container* {

    padding: 20**px**;

    border-radius: 8**px**;

}

h2 {

    text-align: center;

    font-weight: 600;

    font-size: xx-large;

    font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;

}

label {

    display: block;

    margin: 10**px** 0 5**px**;

}

input[*type***=**"radio"],

input[*type***=**"checkbox"] {

    margin-right: 10**px**;

}

input[*type***=**"text"] {

    width: 30**%**;

    border-radius: 10**px**;

    padding: 1**ch**;

    box-shadow: rgb(113, 112, 123);

}

*.submit-btn* {

    width: 100**%**;

    padding: 10**px**;

    background-color: #4CAF50;

    color: white;

    border: none;

    border-radius: 5**px**;

    cursor: pointer;

}

*.submit-btn:hover* {

    background-color: #45a049;

}

*.form-group* {

    margin-left: 10**vw**;

    margin-right: 10**vw**;

    width: 80**vw**;

    margin-bottom: 15**px**;

    padding: 1**rem**;

    border-radius: 10**px**;

    border: 2**px** solid rgb(123, 120, 120);

}

*.textarea* {

    width: 100**%**;

    height: 80**px**;

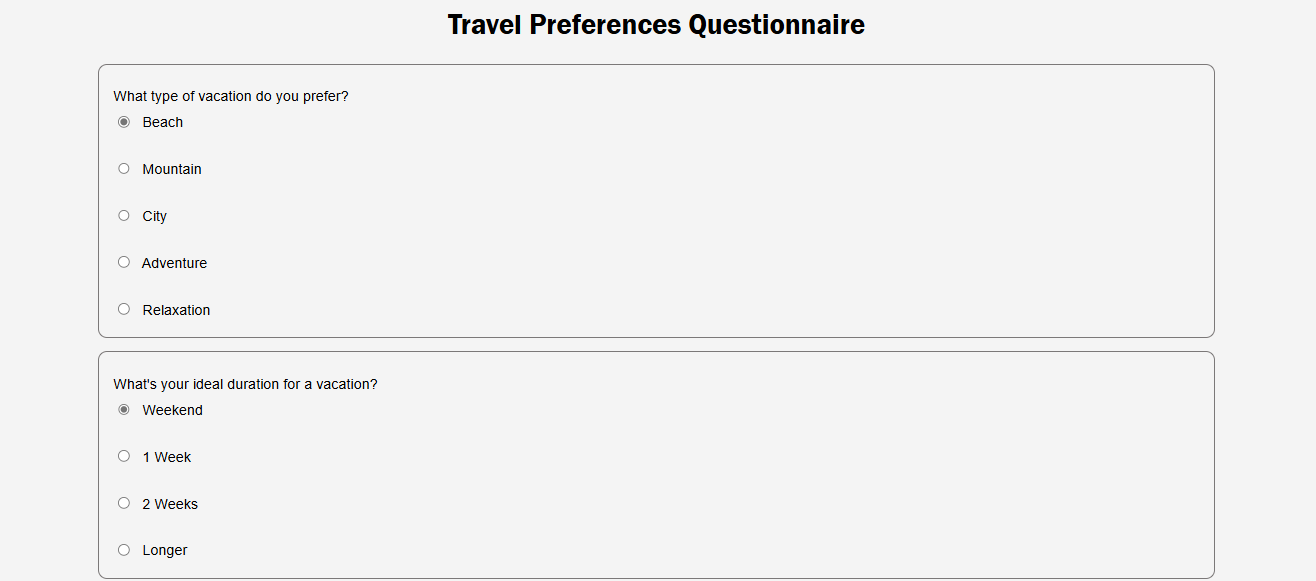
    padding: 8**px**;

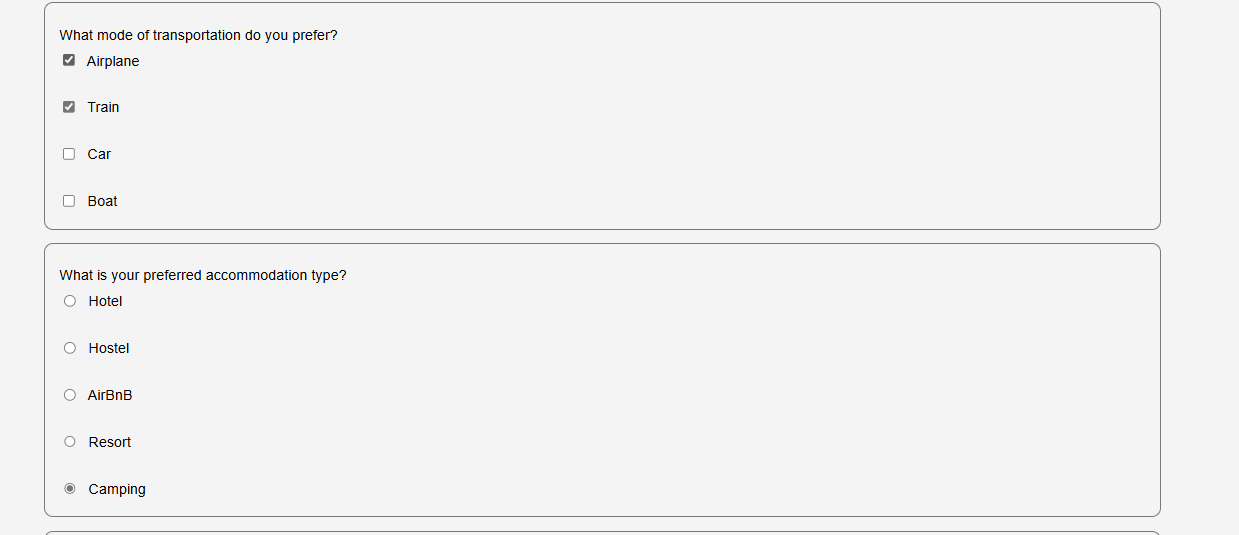
    border: 1**px** solid #ccc;

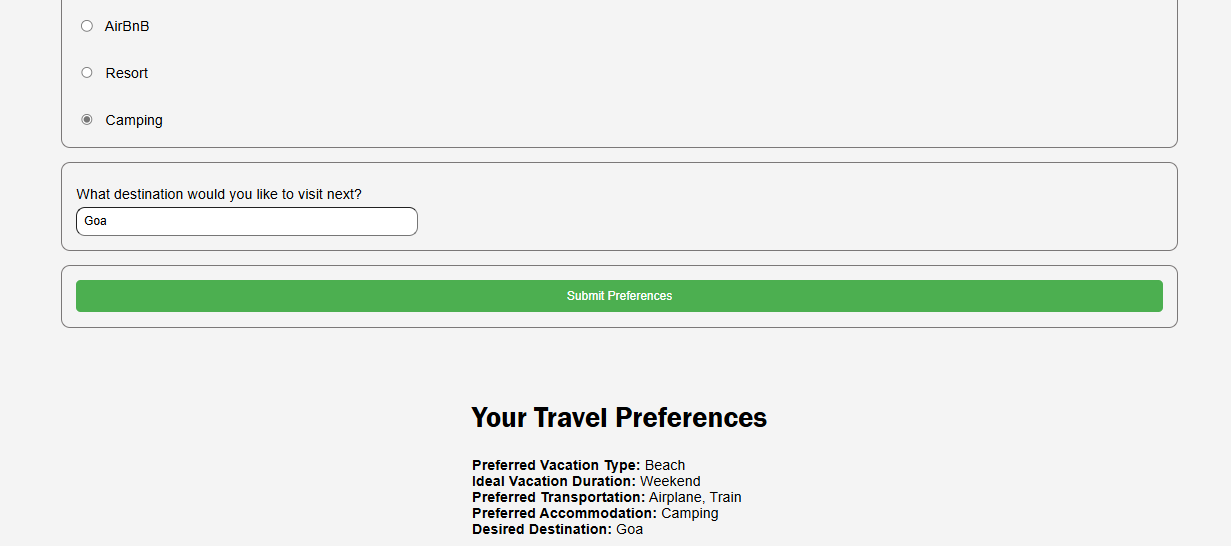
    border-radius: 5**px**;

}

Webpage screenshots

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