**Question: React Form Example**

**Code:**

App.js

import React, { useState } from 'react';

function App() {

const [formData, setFormData] = useState({

name: '',

gender: '',

});

const [submitted, setSubmitted] = useState(false);

const handleChange = (e) => {

const { name, value } = e.target;

setFormData((prev) => ({

...prev,

[name]: value,

}));

};

const handleSubmit = (e) => {

e.preventDefault();

if (formData.name && formData.gender) {

setSubmitted(true);

} else {

alert('Please fill in all fields!');

}

};

return (

<div style={styles.container}>

<h2 style={styles.heading}>🎨 Colorful React Form</h2>

<form onSubmit={handleSubmit} style={styles.form}>

<div style={styles.inputGroup}>

<label style={styles.label}>👤 Name:</label>

<input

type="text"

name="name"

value={formData.name}

onChange={handleChange}

placeholder="Enter your name"

style={styles.input}

/>

</div>

<div style={styles.inputGroup}>

<label style={styles.label}>🚻 Gender:</label>

<select

name="gender"

value={formData.gender}

onChange={handleChange}

style={styles.select}

>

<option value="">-- Select --</option>

<option value="Female">♀️ Female</option>

<option value="Male">♂️ Male</option>

<option value="Other">⚧ Other</option>

</select>

</div>

<button type="submit" style={styles.button}>🚀 Submit</button>

</form>

{submitted && (

<div style={styles.resultBox}>

<h3 style={{ color: '#3c3c3c' }}>✅ Submitted Data</h3>

<p><strong>🧑 Name:</strong> {formData.name}</p>

<p><strong⚧> Gender:</strong> {formData.gender}</p>

</div>

)}

</div>

);

}

const styles = {

container: {

background: 'linear-gradient(to right, #f9f7d9, #e0c3fc)',

minHeight: '100vh',

padding: '40px',

fontFamily: 'Arial, sans-serif',

},

heading: {

textAlign: 'center',

color: '#333',

marginBottom: '30px',

},

form: {

maxWidth: '400px',

margin: '0 auto',

background: '#ffffffcc',

padding: '25px',

borderRadius: '15px',

boxShadow: '0 4px 12px rgba(0,0,0,0.1)',

},

inputGroup: {

marginBottom: '20px',

},

label: {

display: 'block',

marginBottom: '8px',

fontWeight: 'bold',

color: '#333',

},

input: {

width: '100%',

padding: '10px',

borderRadius: '8px',

border: '1px solid #ccc',

outline: 'none',

},

select: {

width: '100%',

padding: '10px',

borderRadius: '8px',

border: '1px solid #ccc',

outline: 'none',

},

button: {

width: '100%',

padding: '12px',

backgroundColor: '#6a11cb',

color: 'white',

border: 'none',

borderRadius: '8px',

cursor: 'pointer',

fontWeight: 'bold',

fontSize: '16px',

},

resultBox: {

maxWidth: '400px',

margin: '30px auto 0',

background: '#fff',

padding: '20px',

borderRadius: '12px',

boxShadow: '0 2px 8px rgba(0,0,0,0.1)',

},

};

export default App;

**Outputs:**



