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Assignment 6

Signupform.jsx:

```jsx
import React, { useState } from "react";

const SignupForm = () => {
  const [formData, setFormData] = useState({
    userId: "",
    password: "",
    confirmPassword: "",
    name: "",
    country: "India",
  });

  const handleChange = (e) => {
    setFormData({ ...formData, [e.target.name]: e.target.value });
  };

  const handleSubmit = (e) => {
    e.preventDefault();
    if (formData.password !== formData.confirmPassword) {
      alert("Passwords do not match!");
      return;
    }
    alert(`Signup Successful!\nUser ID: ${formData.userId}`);
  };

  return (
    <div className="bg-white p-6 rounded-lg shadow-lg w-96">
      <form onSubmit={handleSubmit}>
        <div className="mb-4">
          <label className="block text-gray-700">User ID</label>
          <input
            type="text"
            name="userId"
            className="w-full p-2 border rounded-md focus:outline-none
focus:ring focus:ring-green-400"
            value={formData.userId}
            onChange={handleChange}
            required
          />
        </div>
        <div className="mb-4">
```

```
      <label className="block text-gray-700">Password</label>
      <input
        type="password"
        name="password"
        className="w-full p-2 border rounded-md focus:outline-none
focus:ring focus:ring-green-400"
        value={formData.password}
        onChange={handleChange}
        required
      />
    </div>
    <div className="mb-4">
      <label className="block text-gray-700">Confirm Password</label>
      <input
        type="password"
        name="confirmPassword"
        className="w-full p-2 border rounded-md focus:outline-none
focus:ring focus:ring-green-400"
        value={formData.confirmPassword}
        onChange={handleChange}
        required
      />
    </div>
    <div className="mb-4">
      <label className="block text-gray-700">Name</label>
      <input
        type="text"
        name="name"
        className="w-full p-2 border rounded-md focus:outline-none
focus:ring focus:ring-green-400"
        value={formData.name}
        onChange={handleChange}
        required
      />
    </div>
    <div className="mb-4">
      <label className="block text-gray-700">Country</label>
      <select
        name="country"
        className="w-full p-2 border rounded-md focus:outline-none
focus:ring focus:ring-green-400"
        value={formData.country}
        onChange={handleChange}
      >
        <option value="India">India</option>
        <option value="USA">USA</option>
        <option value="UK">UK</option>
        <option value="Canada">Canada</option>
```

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```jsx
          </select>
        </div>
        <button
          type="submit"
          className="w-full bg-green-600 text-white p-2 rounded-md hover:bg-
green-700 transition"
        >
          Submit
        </button>
      </form>
    </div>
  );
};


export default SignupForm;
```

signupform.jsx:

```jsx
import React from "react";
import SignupForm from "./SignupForm";

const SignupPage = () => {
  return (
    <div className="bg-gray-100 min-h-screen flex flex-col">
      <Navbar />
      <div className="flex items-center justify-center flex-grow">
        <SignupForm />
      </div>
    </div>
  );
};

export default SignupPage;




App.js:
import React from "react";

import SignupPage from "./SignupPage";

const App = () => {
  return <SignupPage />;
};

export default App;
```
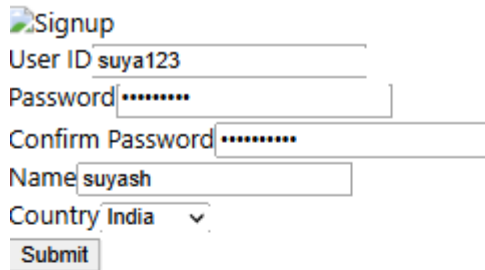
output:

Signup
User ID suya123
Password ••••••••
Confirm Password ••••••••
Name suyash
Country India ∨
Submit

SignupForm.jsx

- import React, { useState } from "react"; → Imports React and useState for state management.

- const [formData, setFormData] = useState({...}) → Declares a state object to store form inputs.

- const handleChange = (e) => {...} → Updates state when an input field changes.

- const handleSubmit = (e) => {...} → Prevents default form submission and validates passwords.

- <div className="bg-white p-6 rounded-lg shadow-lg w-96"> → A white background container for styling.

- <form onSubmit={handleSubmit}> → Defines a form with a submit event handler.

- <label className="block text-gray-700">User ID</label> → Label for an input field.

- <input type="text" name="userId" ... /> → Input field for user ID.

- <input type="password" name="password" ... /> → Password input field.

- <input type="password" name="confirmPassword" ... /> → Confirm password input.

- <input type="text" name="name" ... /> → Name input field.

- <select name="country" ... > → Dropdown selection for the country.

- <option value="India">India</option> → Dropdown option for India.

- <button type="submit" ... >Submit</button> → Button to submit the form.

- export default SignupForm; → Exports the component for use elsewhere.

SignupPage.jsx

- import React from "react"; → Imports React for component rendering.

- import SignupForm from "./SignupForm"; → Imports the SignupForm component.

- <div className="bg-gray-100 min-h-screen flex flex-col"> → A full-page container with a light background.

- <Navbar /> → Renders the Navbar component (but it is missing in your code).

- <div className="flex items-center justify-center flex-grow"> → Centers the signup form on the screen.

- <SignupForm /> → Embeds the SignupForm component.

- export default SignupPage; → Exports the SignupPage component.

App.js

- import React from "react"; → Imports React.

- import SignupPage from "./SignupPage"; → Imports the SignupPage component.

- const App = () => { return <SignupPage />; }; → Renders SignupPage inside App.

- export default App; → Exports App as the main component.