**ReactDay2task  
  
  
Q1. Create React application using Functional components , to display LoginForm, input ID,PWD**

**check ID and PWD should be "iguser" and "password" , once form submitted , alert("Valid User") else**

**"Invaild USer". ( Forms, useState).  
  
Code:**import React, { useState } from "react";

const Login = ({ switchToSignup }) => {

const [id, setId] = useState("");

const [password, setPassword] = useState("");

const handleSubmit = (e) => {

e.preventDefault();

if (id === "iguser" && password === "password") {

alert("Valid User");

} else {

alert("Invalid User");

}

};

return (

<div className="bg-white p-6 rounded-lg shadow-lg w-80">

<h2 className="text-2xl font-bold mb-4 text-center">Login</h2>

<form onSubmit={handleSubmit}>

<div className="mb-4">

<label className="block mb-1">ID:</label>

<input

type="text"

value={id}

onChange={(e) => setId(e.target.value)}

className="w-full px-3 py-2 border rounded-lg"

/>

</div>

<div className="mb-4">

<label className="block mb-1">Password:</label>

<input

type="password"

value={password}

onChange={(e) => setPassword(e.target.value)}

className="w-full px-3 py-2 border rounded-lg"

/>

</div>

<button

type="submit"

className="w-full bg-blue-500 text-white py-2 rounded-lg hover:bg-blue-600"

>

Login

</button>

</form>

<p className="text-center mt-4">

Don't have an account?{" "}

<button onClick={switchToSignup} className="text-blue-500 underline">

Sign up

</button>

</p>

</div>

);

};

export default Login;  
  
  
**Q2. Create React application to Signup Customer with details and review details**

**by clicking on Review button.**

**CustomerId,Name,Email,Gender,City(Hyd,Chennai,Pune...).**

**Code:**import React, { useState } from "react";

const Signup = ({ switchToLogin }) => {

const [customerId, setCustomerId] = useState("");

const [name, setName] = useState("");

const [email, setEmail] = useState("");

const [gender, setGender] = useState("");

const [city, setCity] = useState("");

const [review, setReview] = useState(false);

const [error, setError] = useState("");

const handleReview = () => {

if (!customerId || !name || !email || !gender || !city) {

setError("All fields are required.");

return;

}

setError("");

setReview(true);

};

return (

<div className="bg-white p-6 rounded-lg shadow-lg w-96">

<h2 className="text-2xl font-bold mb-4 text-center">Signup</h2>

{error && <p className="text-red-500 text-center">{error}</p>}

{!review ? (

<form>

<div className="mb-4">

<label className="block mb-1">Customer ID:</label>

<input

type="text"

value={customerId}

onChange={(e) => setCustomerId(e.target.value)}

className="w-full px-3 py-2 border rounded-lg"

/>

</div>

<div className="mb-4">

<label className="block mb-1">Name:</label>

<input

type="text"

value={name}

onChange={(e) => setName(e.target.value)}

className="w-full px-3 py-2 border rounded-lg"

/>

</div>

<div className="mb-4">

<label className="block mb-1">Email:</label>

<input

type="email"

value={email}

onChange={(e) => setEmail(e.target.value)}

className="w-full px-3 py-2 border rounded-lg"

/>

</div>

<div className="mb-4">

<label className="block mb-1">Gender:</label>

<select

value={gender}

onChange={(e) => setGender(e.target.value)}

className="w-full px-3 py-2 border rounded-lg"

>

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

<option value="Male">Male</option>

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

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

</select>

</div>

<div className="mb-4">

<label className="block mb-1">City:</label>

<select

value={city}

onChange={(e) => setCity(e.target.value)}

className="w-full px-3 py-2 border rounded-lg"

>

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

<option value="Hyderabad">Hyderabad</option>

<option value="Chennai">Chennai</option>

<option value="Pune">Pune</option>

<option value="Mumbai">Mumbai</option>

<option value="Delhi">Delhi</option>

</select>

</div>

<button

type="button"

onClick={handleReview}

className="w-full bg-blue-500 text-white py-2 rounded-lg hover:bg-blue-600"

>

Review

</button>

</form>

) : (

<div>

<h3 className="text-xl font-bold mb-4">Review Details</h3>

<p><strong>Customer ID:</strong> {customerId}</p>

<p><strong>Name:</strong> {name}</p>

<p><strong>Email:</strong> {email}</p>

<p><strong>Gender:</strong> {gender}</p>

<p><strong>City:</strong> {city}</p>

<button

onClick={() => setReview(false)}

className="w-full bg-gray-500 text-white py-2 rounded-lg hover:bg-gray-600 mt-3"

>

Edit

</button>

</div>

)}

<p className="text-center mt-4">

Already have an account?{" "}

<button onClick={switchToLogin} className="text-blue-500 underline">

Login

</button>

</p>

</div>

);

};

export default Signup;  
  
**Q3. Create App(Home component) and embed Login,SignUp components.  
  
Code:**import React, { useState } from "react";

import Login from "./Login";

import Signup from "./Signup";

const Home = () => {

const [isLogin, setIsLogin] = useState(true);

return (

<div className="flex items-center justify-center h-screen bg-gray-100">

{isLogin ? (

<Login switchToSignup={() => setIsLogin(false)} />

) : (

<Signup switchToLogin={() => setIsLogin(true)} />

)}

</div>

);

};

export default Home;