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1  /* PRACTICAL-19: Write a react code for simple login form where the user login by entering their username and
   password. The form inputs are validated to check if correct information is entered and the error messages are if the
   validation fails. The login form is hidden and the "Welcome, ${name}" message is shown when the user login is
   successful.
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6
7  // CODE:
8
9  import React, { useState } from 'react';
10 import './Form.css';
11 const App = () => {
12   const [username, setUsername] = useState("");
13   const [password, setPassword] = useState("");
14   const [error, setError] = useState("");
15   const [isLoggedIn, setIsLoggedIn] = useState(false);
16   const handleSubmit = (e) => {
17     e.preventDefault();
18     if (username === 'user' && password === 'password') {
19       setIsLoggedIn(true);
20     } else {
21       setError('Incorrect username or password'); }
22   };
23   const handleLogout = () => {
24     setIsLoggedIn(false);
25     setUsername("");
26     setPassword("");
27     setError(""); };
28   return (
29     <div className="container">
30       {isLoggedIn ? (
31         <form onSubmit={handleSubmit} className="login-form">
32           <h2>PRACTICAL-19 (LOGIN FORM)</h2>
33           <input
34             type="text"
35             placeholder="Username"
36             value={username}
37             onChange={(e) => setUsername(e.target.value)} />
38           <input
39             type="password"
40             placeholder="Password"
41             value={password}
42             onChange={(e) => setPassword(e.target.value)} />
43           {error && <p className="error-message">{error}</p>}
44           <button type="submit">Login</button>
45         </form>
46       ) : (
47         <div className="welcome">
48           <h2>Welcome, {username}!</h2>
49           <button onClick={handleLogout}>Logout</button>
50         </div>
51       )}
52     </div>
53   );
54 };
55 export default App;

```