

Practical 6

```
1 import React, { useState } from 'react';
2
3 const Login = () => {
4   const [username, setUsername] = useState('');
5   const [password, setPassword] = useState('');
6   const [loggedIn, setLoggedIn] = useState(false);
7
8   const handleLogin = () => {
9     // For simplicity, let's assume a hardcoded username and
10    if (username === 'user' && password === 'password') {
11      setLoggedIn(true);
12      alert('Login successful!');
13    } else {
14      alert('Invalid credentials. Please try again.');
```

```

    );
    return (
      <div>
        {loggedIn ? (
          <div>
            <h2>Welcome, {username}!</h2>
            <button onClick={handleLogout}>Logout</button>
          </div>
        ) : (
          <div>
            <h2>Login</h2>
            <input
              type="text"
              placeholder="Username"
              value={username}
              onChange={(e) => setUsername(e.target.value)}
            />
            <input
              type="password"
              placeholder="Password"
              value={password}
              onChange={(e) => setPassword(e.target.value)}
            />
            <button onClick={handleLogin}>Login</button>
          </div>
        )}
      </div>
    );
  };
};

```

```

export default Login;

```