



Welcome to the React Authentication Flow

Navigate to the [Login](#) page or to the [Dashboard](#) page.



Login

 

Dashboard

Welcome to your dashboard!

```
9 import React, { useState } from 'react';
0 import { BrowserRouter as Router, Route, Routes } from 'react-router-dom';
1 import Home from './Components/Home';
2 import Login from './Components/Login';
3 import Dashboard from './Components/Dashboard';
4
5 const App = () => {
6   const [isAuthenticated, setAuthenticated] = useState(false);
7
8   return (
9     <Router>
10       <Routes>
11         <Route path="/" element={<Home />} />
12         <Route path="/login" element={<Login setAuthenticated={setAuthenticated} />} />
13         <Route path="/dashboard" element={<Dashboard isAuthenticated={isAuthenticated} />} />
14       </Routes>
15     </Router>
16   );
17 };
18
19 export default App;
```

```

1 import React from 'react';
2 import { Navigate } from 'react-router-dom';
3
4 const Dashboard = ({ isAuthenticated }) => {
5   if (!isAuthenticated) {
6     return <Navigate to="/login" />;
7   }
8
9   return (
10     <div>
11       <h2>Dashboard</h2>
12       <p>Welcome to your dashboard!</p>
13     </div>
14   );
15 };
16
17 export default Dashboard;
18

```

```

1 import React from 'react';
2 import { Link } from 'react-router-dom';
3
4 const Home = () => {
5   return (
6     <div>
7       <h1>Welcome to the React Authentication Flow</h1>
8       <p>
9         Navigate to the <Link to="/login">Login</Link> page or to the{' '}
10         <Link to="/dashboard">Dashboard</Link> page.
11       </p>
12     </div>
13   );
14 };
15
16 export default Home;
17

```

```
1 import React, { useState } from 'react';
2 import { useNavigate } from 'react-router-dom';
3
4 const Login = ({ setAuthenticated }) => {
5   const [username, setUsername] = useState('');
6   const [password, setPassword] = useState('');
7   const navigate = useNavigate();
8
9   const handleLogin = () => {
10     if (username && password) {
11       setAuthenticated(true);
12       navigate('/dashboard');
13     } else {
14       alert('Please enter valid credentials');
15     }
16   };
17
18   return (
19     <div>
20       <h2>Login</h2>
21       <input
22         type="text"
23         placeholder="Username"
24         value={username}
25         onChange={(e) => setUsername(e.target.value)}
26       />
27       <input
28         type="password"
29         placeholder="Password"
30         value={password}
31         onChange={(e) => setPassword(e.target.value)}
32       />
33       <button onClick={handleLogin}>Login</button>
34     </div>
35   );
36 };
37
38 export default Login;
39
```