

```
D:/gproject>npx create-react-app GrouterDemo
```

```
D:/gproject/GrouterDemo>npm install react-router-dom@6
```

Or

```
D:/gproject/GrouterDemo >Yarn add react-router-dom
```

React Router Tutorial - 3 - Configuring Routes

index.js - react-router-demo - Visual Studio Code

```
1 import React from 'react'
2 import ReactDOM from 'react-dom'
3 import { BrowserRouter } from 'react-router-dom'
4 import './index.css'
5 import App from './App'
6 import reportWebVitals from './reportWebVitals'
7
8 ReactDOM.render(
9   <React.StrictMode>
10   <BrowserRouter>
11     <App />
12   </BrowserRouter>
13 </React.StrictMode>,
14 document.getElementById('root')
15 )
16
17 // If you want to start measuring performance in your app, pass a function
18 // to log results (for example: reportWebVitals(console.log))
19 // or send to an analytics endpoint. Learn more: https://bit.ly/CRA-vitals
20 reportWebVitals()
21
```

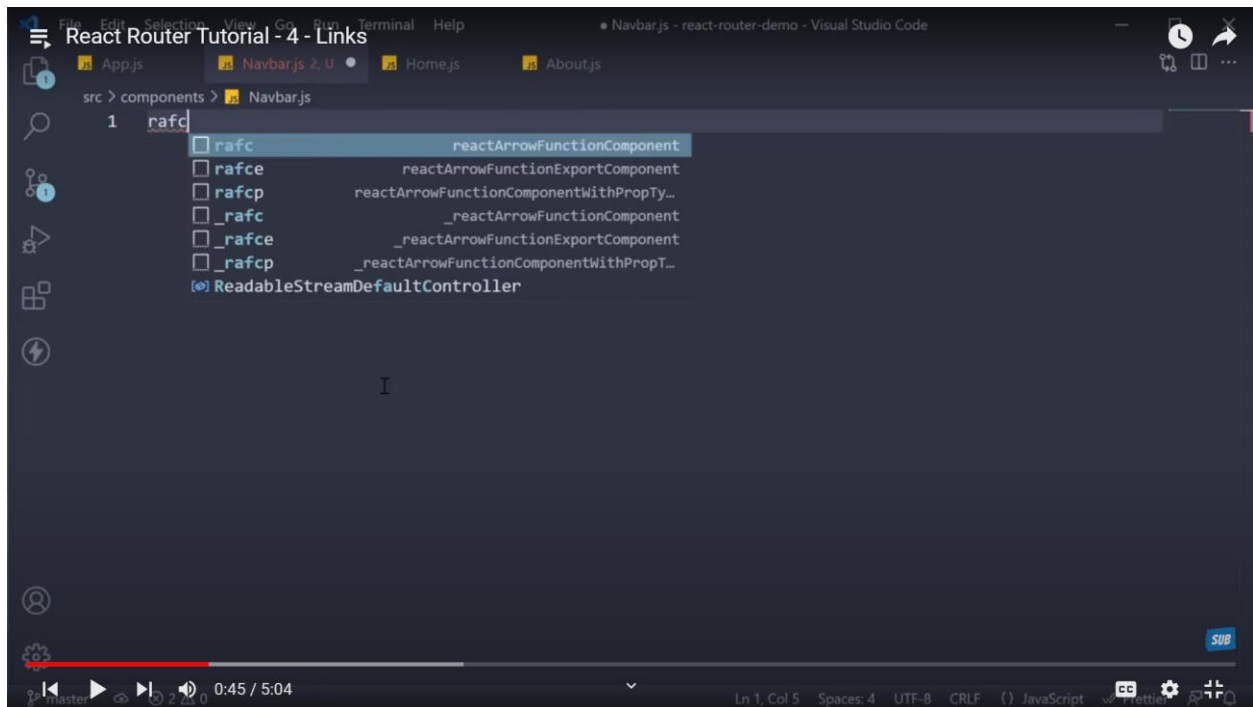
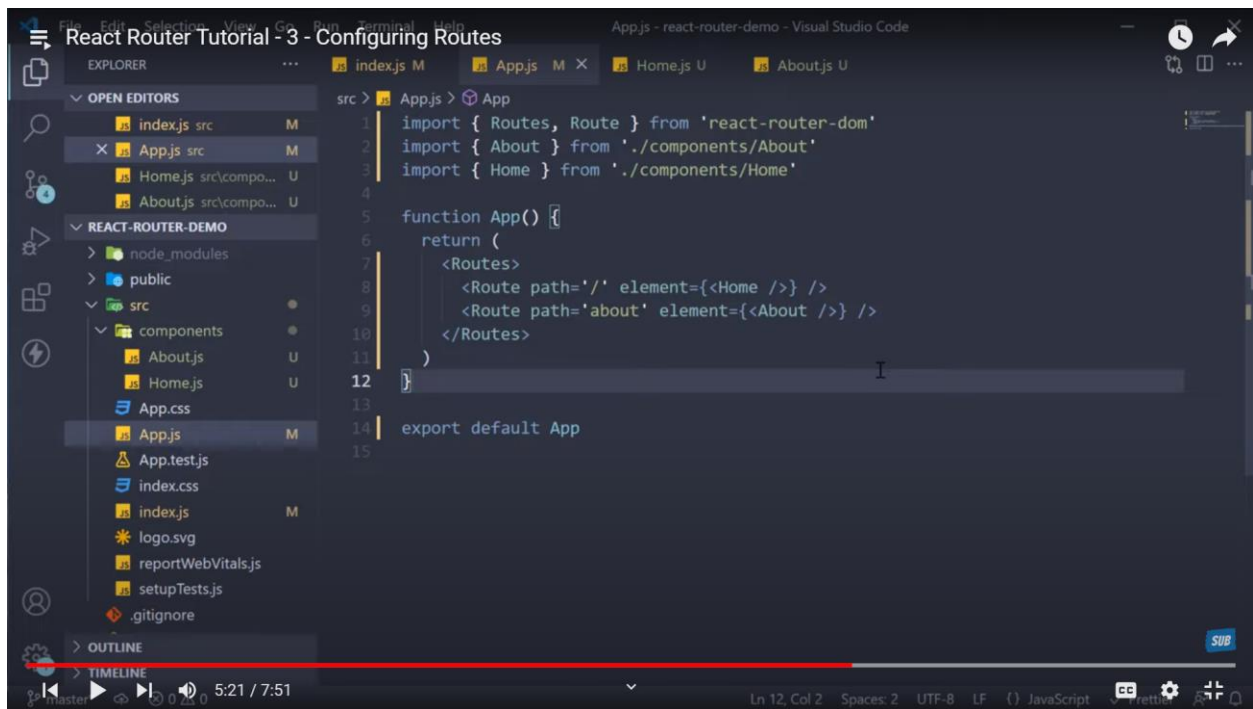
1:47 / 7:51

React Router Tutorial - 3 - Configuring Routes

About.js - react-router-demo - Visual Studio Code

```
1 export const About = () => {
2   return <div>About Page</div>
3 }
4
```

3:00 / 7:51



React Router Tutorial - 4 - Links

```
src > components > Navbarjs > ...
1 import { Link } from 'react-router-dom'
2
3 export const Navbar = () => {
4   return (
5     <nav>
6       <Link to='/'>Home</Link>
7       <Link to='/about'>About</Link>
8     </nav>
9   )
10 }
11
```

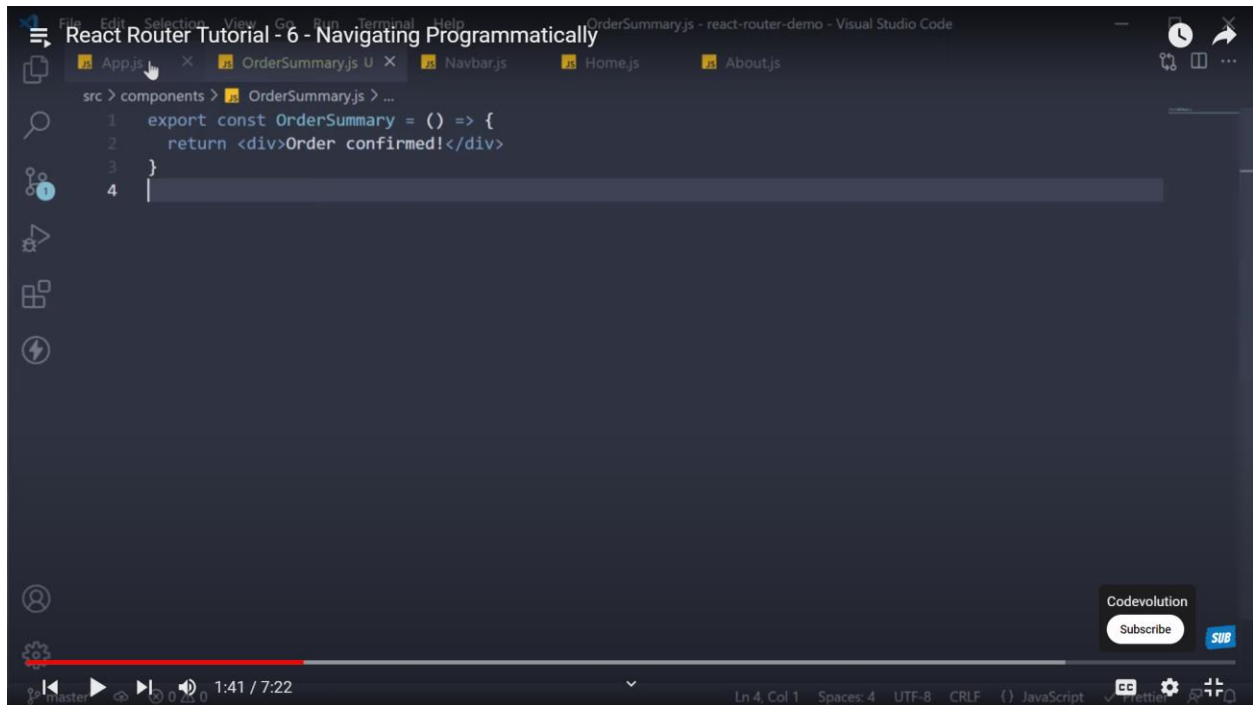
1:56 / 5:04

React Router Tutorial - 4 - Links

```
src > Appjs > ...
1 import { Routes, Route } from 'react-router-dom'
2 import { About } from './components/About'
3 import { Home } from './components/Home'
4 import { Navbar } from './components/Navbar'
5
6 function App() {
7   return (
8     <>
9       <Navbar />
10      <Routes>
11        <Route path='/' element={<Home />} />
12        <Route path='about' element={<About />} />
13      </Routes>
14    </>
15  )
16 }
17
18 export default App
19
```

2:12 / 5:04

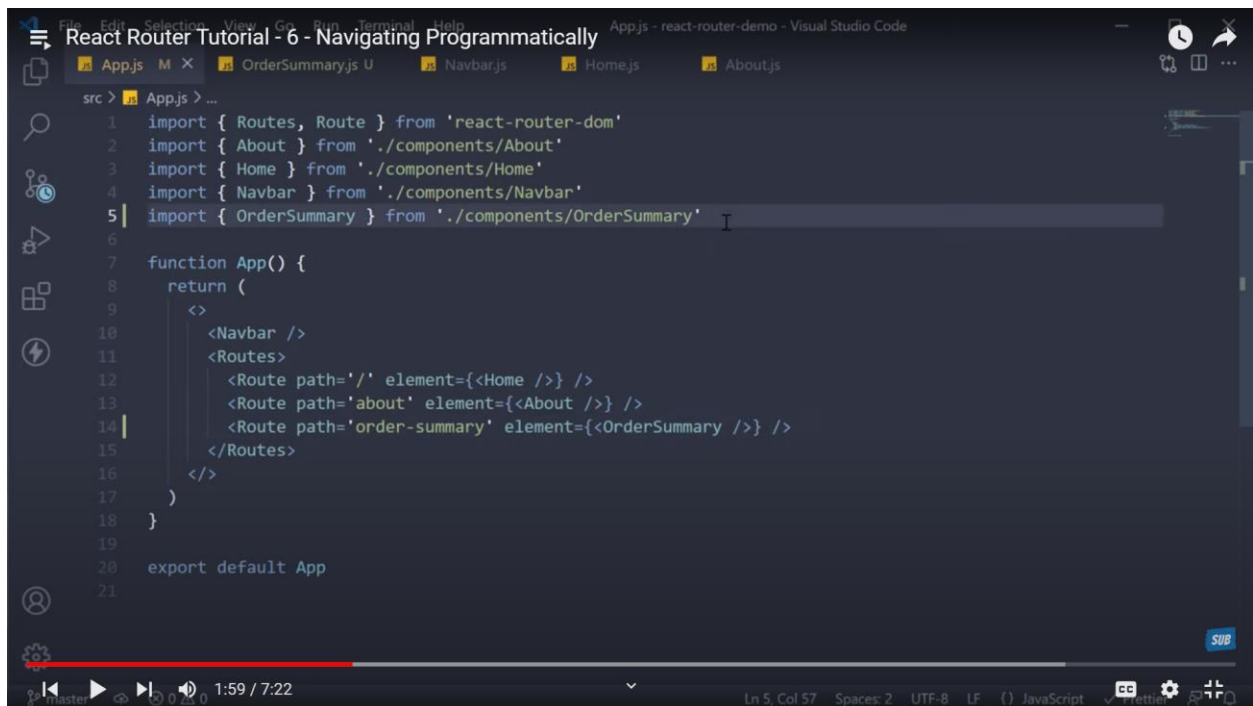
Button click navigation react router dom



This screenshot shows a video player displaying a Visual Studio Code window. The window title is "React Router Tutorial - 6 - Navigating Programmatically". The file explorer on the left shows the project structure: "src > components > OrderSummary.js > ...". The editor displays the content of "OrderSummary.js":

```
1 export const OrderSummary = () => {  
2   return <div>Order confirmed!</div>  
3 }  
4 |
```

The video player interface includes a progress bar at the bottom showing "1:41 / 7:22" and a status bar at the very bottom indicating "Ln 4, Col 1", "Spaces: 4", "UTF-8", "CRLF", and "JavaScript". A "Codevolution" watermark is visible in the bottom right corner.



This screenshot shows a video player displaying a Visual Studio Code window. The window title is "React Router Tutorial - 6 - Navigating Programmatically". The file explorer on the left shows the project structure: "src > App.js > ...". The editor displays the content of "App.js":

```
1 import { Routes, Route } from 'react-router-dom'  
2 import { About } from './components/About'  
3 import { Home } from './components/Home'  
4 import { Navbar } from './components/Navbar'  
5 import { OrderSummary } from './components/OrderSummary'  
6  
7 function App() {  
8   return (  
9     <>  
10      <Navbar />  
11      <Routes>  
12        <Route path='/' element={<Home />} />  
13        <Route path='about' element={<About />} />  
14        <Route path='order-summary' element={<OrderSummary />} />  
15      </Routes>  
16    </>  
17  )  
18 }  
19  
20 export default App  
21
```

The video player interface includes a progress bar at the bottom showing "1:59 / 7:22" and a status bar at the very bottom indicating "Ln 5, Col 57", "Spaces: 2", "UTF-8", "LF", and "JavaScript". A "Codevolution" watermark is visible in the bottom right corner.

React Router Tutorial - 6 - Navigating Programmatically

```
src > components > Homejs > ...
1 import { useNavigate } from 'react-router-dom'
2
3 export const Home = () => {
4   const navigate = useNavigate()
5   return (
6     <>
7       <div>Home Page</div>
8       <button onClick={() => navigate('order-summary')}>Place order</button>
9     </>
10  )
11 }
12
```

4:00 / 7:22

Add back button:

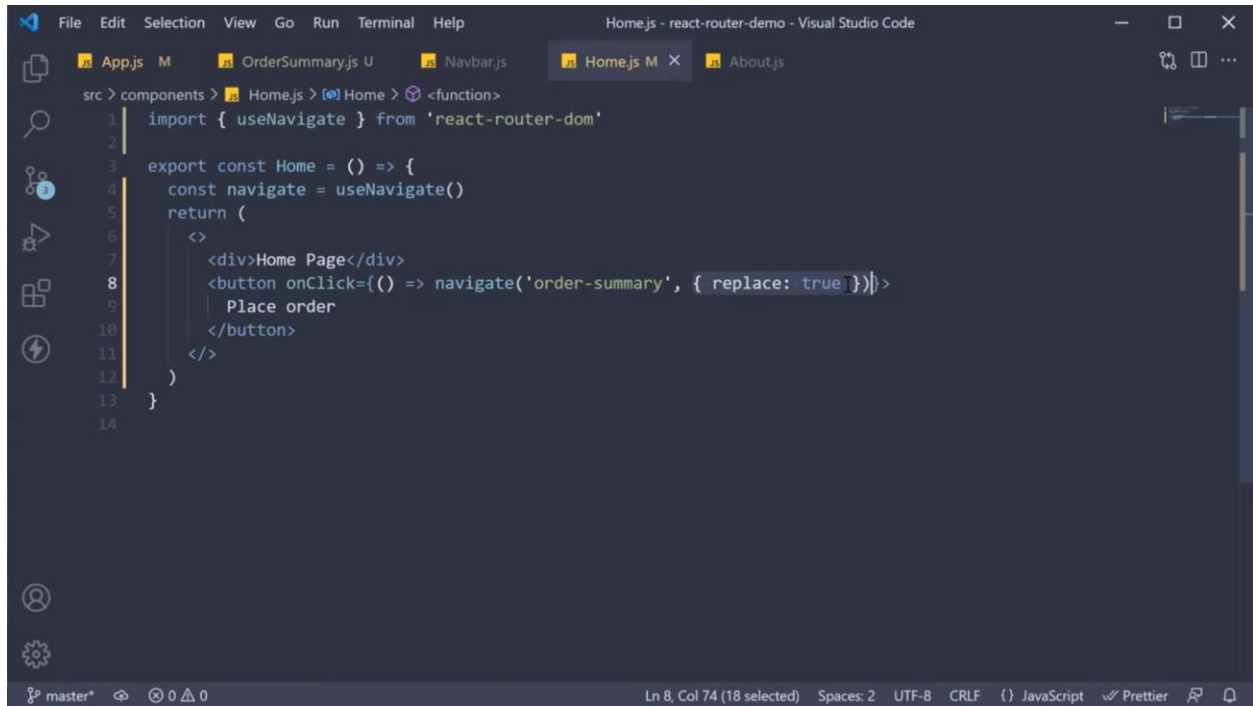
React Router Tutorial - 6 - Navigating Programmatically

```
src > components > OrderSummaryjs > ...
1 import { useNavigate } from 'react-router-dom'
2
3 export const OrderSummary = () => {
4   const navigate = useNavigate()
5
6   return (
7     <>
8       <div>Order confirmed!</div>
9       <button onClick={() => navigate(-1)}>Go back</button>
10     </>
11  )
12 }
13
```

5:17 / 7:22

Replace:true parameter: history cleared

Test: goback (all the url cleared)



```
1 import { useNavigate } from 'react-router-dom'
2
3 export const Home = () => {
4   const navigate = useNavigate()
5   return (
6     <>
7       <div>Home Page</div>
8       <button onClick={() => navigate('order-summary', { replace: true })}>
9         Place order
10      </button>
11    </>
12  )
13 }
14
```