

## Routing in React Js :-

Create following files under src folder

### Home.jsx :-

```
import Header from "../Header";
const Home = () => {
  return (
    <>
      <Header />
      <h1>it is Home page</h1>
    </>
  )
};

export default Home;
```

### About.jsx :-

```
import Header from "../Header";
const About = () => {
  return (
    <>
      <Header />
      <h1>it is About page</h1>
    </>
  )
};

export default About;
```

### Blogs.jsx :-

```
import { blogs } from "../Data/Blog";
import Header from "../Header";

const Blogs = () => {

  return (
```

```
    <>
      <Header />
      <h1>it is Blogs page</h1>
    </>
  )
};

export default Blogs;
```

#### Contact.jsx :-

```
import Header from "../Header";
const Contact = () => {
  return (
    <>
      <Header />
      <h1>it is Contact page</h1>
    </>
  )
};

export default Contact;
```

#### Header.jsx file code:-

```
import { Outlet, Link } from "react-router-dom";

const Header = () => {
  return (
    <>
      <nav>
        <ul>
          <li>
            <Link to="/">Home</Link>
          </li>
          <li>
            <Link to="/about">About</Link>
          </li>
          <li>
            <Link to="/blogs">Blog</Link>
          </li>
        </ul>
      </nav>
      <Outlet />
    </>
  );
};

export default Header;
```

```

        </li>
        <li>
          <Link to="/contact">Contact</Link>
        </li>
      </ul>
    </nav>

    <Outlet />
  </>
)
};

export default Header;

```

index.js file code:-

```

import React from 'react';
import ReactDOM from 'react-dom/client';
import './index.css';
import App from './App';
import reportWebVitals from './reportWebVitals';
import { createBrowserRouter, RouterProvider } from 'react-router-dom';
import Home from './Home';
import About from './About';
import Contact from './Contact';
import Blogs from './Blogs';
import BlogDetails from './BlogDetails.jsx';

const root = ReactDOM.createRoot(document.getElementById('root'));
let allRoutes=createBrowserRouter(
  [
    {
      path: '/',
      element:<Home/>
    },
    {
      path:'about',
      element:<About />
    },
    {

      path:'contact',
      element:<Contact />

```

```
    },
    {
      path: 'blogs',
      element: <Blogs />
    },
    {
      path: 'blog/:id',
      element: <BlogDetails />
    }
  ]
)
root.render(
  <React.StrictMode>
    <RouterProvider router={allRoutes} />
  </React.StrictMode>
);

// If you want to start measuring performance in your app, pass a function
// to log results (for example: reportWebVitals(console.log))
// or send to an analytics endpoint. Learn more: https://bit.ly/CRA-vitals
reportWebVitals();
```

Output:-

← → ↻ ⓘ localhost:3000

- [Home](#)
- [About](#)
- [Blog](#)
- [Contact](#)

**it is Home page**