

/*Set up a basic React Router with two routes: one for a Home page and one for an About page. Display the appropriate content based on the URL

*/

APP.JS

```
import React from 'react';
import { BrowserRouter as Router, Route, BrowserRouter, Routes, Link } from 'react-router-dom';
import Home from './Home';
import About from './About';
import NotFound from './NotFound';
```

```
export default function Routing() {
  return (
    <div>
      <BrowserRouter>
        <Link to="/">Home</Link><br />
        <Link to="/about">About</Link><br />
        <Link to="/notfound">Not Found</Link><br />
        <Routes>

          <Route exact path="/" element={<Home></Home>} />
          <Route path="/about" element={<About></About>} />
          <Route path="/notfound" element={<NotFound></NotFound>} />

        </Routes>
      </BrowserRouter>
    </div>
  )
}
```

HOME.JS

```
import React from "react";
export default function Home() {
  return (
    <div>
      <h1>Home Page</h1>
      <p>Welcome to the home page!</p>
    </div>
  );
}
```

ABOUT.JS

```
import React from "react";
export default function About() {
  return (
    <div>
      <h1>About Page</h1>
      <p>Welcome to the about page!</p>
    </div>
  );
}
```

NOTFOUND.JS

```
import React from "react";
export default function NotFound() {
```

```

return (
  <div>
    <h1>404 not found !!</h1>
  </div>
);
}

```

/*o Create a navigation bar using React Router's Link component that allows users to switch between the Home, About, and Contact pages

```

*/
import React from "react";
import { BrowserRouter as Router, Route, Switch, Link, BrowserRouter, Routes } from
"react-router-dom";
import Home from "./Home";
import About from "./About";
import Contact from "./Contact";

```

```

export default function App() {
  return (
    <div>
      <h1>Navigation Menu</h1>
      <BrowserRouter>
        <Link to="/home">Home</Link><br />
        <Link to="/about">About</Link><br />
        <Link to="/contact">Contact</Link><br />
        <Routes>
          <Route path="/home" element={<Home></Home>} />
          <Route path="/about" element={<About></About>} />
          <Route path="/contact" element={<Contact></Contact>} />
        </Routes>
      </BrowserRouter>
    </div>
  )
}

```

Home.js

```

import React from "react";
export default function Home() {
  return (
    <div>
      <h1>Home Page</h1>
      <p>Welcome to the home page!</p>
    </div>
  );
}

```

Contact.js

```

import React from "react";
export default function About() {
  return (
    <div>
      <h1>Contact Page</h1>

```

```
    <p>Welcome to the Contact page!</p>
  </div>
);
}
```

About.js

```
import React from "react";
export default function About() {
  return (
    <div>
      <h1>About Page</h1>
      <p>Welcome to the about page!</p>
    </div>
  );
}
```