

Experiment:7

Aim: Implement React Routing for navigating 5 different webpages. Design a responsive navbar in ReactJS by using media queries, Material-UI/React-Bootstrap.

Code:

App.js

```
import { Route, Routes } from 'react-router-dom';  
import './App.css';  
import { About } from './Components/About/About';  
import { Home } from './Components/Home/Home';  
import { Profile } from './Components/Profile/Profile';  
import { Navbar } from './Components/Navbar/Navbar';
```

```
function App() {  
  return (  
    <div className="App">  
      <Navbar/>  
      <Routes>  
        <Route path="/" element={<Home/>}/>  
        <Route path="/About" element={<About/>}/>  
        <Route path="/Profile" element={<Profile/>}/>  
      </Routes>  
    </div>  
  );  
}
```

```
export default App;
```

Navbar.js

```
import React from 'react'  
import { Link } from 'react-router-dom'
```

```
export const Navbar = () => {  
  return (  
    <div>  
      <nav class="navbar navbar-expand-lg bg-body-tertiary">  
        <div class="container-fluid">  
          <Link class="navbar-brand" to="/">Navbar</Link>  
          <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-  
target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-  
expanded="false" aria-label="Toggle navigation">  
            <span class="navbar-toggler-icon"></span>  
          </button>  
          <div class="collapse navbar-collapse" id="navbarSupportedContent">  
            <ul class="navbar-nav me-auto mb-2 mb-lg-0">  
              <li class="nav-item">  
                <Link to="/" class="nav-link active" aria-current="page" href="#">Home</Link>  
              </li>  
              <li class="nav-item">  
                <Link to="/about" class="nav-link">About</Link>  
              </li>  
              <li class="nav-item">  
                <Link to="/profile" class="nav-link" href="#">Profile</Link>  
              </li>  
            </ul>  
          </div>  
        </div>  
      </nav>  
    </div>  
  )  
}
```

Home.js

```
import React from 'react'
```

```
export const Home = () => {  
  return (  
    <div>Home</div>  
  )  
}
```

About.js

```
import React from 'react'
```

```
export const About = () => {  
  return (  
    <div>About</div>  
  )  
}
```

Profile.js

```
import React from 'react'
```

```
export const Profile = () => {  
  return (  
    <div>Profile</div>  
  )  
}
```

Output:

