**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:





