ASSIGNMENT – 7A

CODE –

App.js

```jsx
import React from 'react';
import './App.css';
import {Routes,Route, BrowserRouter} from 'react-router-dom';
import About from '../src/Components/About';
import Contact from '../src/Components/Contact';
import Home from '../src/Components/Home';
import Layout from './Layout';


function App() {
  return (
    <>
    <BrowserRouter>
        <Routes>
          <Route path='/' element={<Layout />}>
            <Route index element={<Home />}/>
            <Route path='about' element={<About />}/>
            <Route path='contact' element={<Contact />}/>
          </Route>
        </Routes>
    </BrowserRouter>
    </>
  )
}


export default App;
```

About.js

```jsx
import React from 'react';

const About = ()=>{
    return(
        <>
        <a>Home</a>
        <a>Contact</a>
        <a>Login</a>
        <h1>This is About Page!!</h1>
        </>
```

```
    )
}

export default About;
```

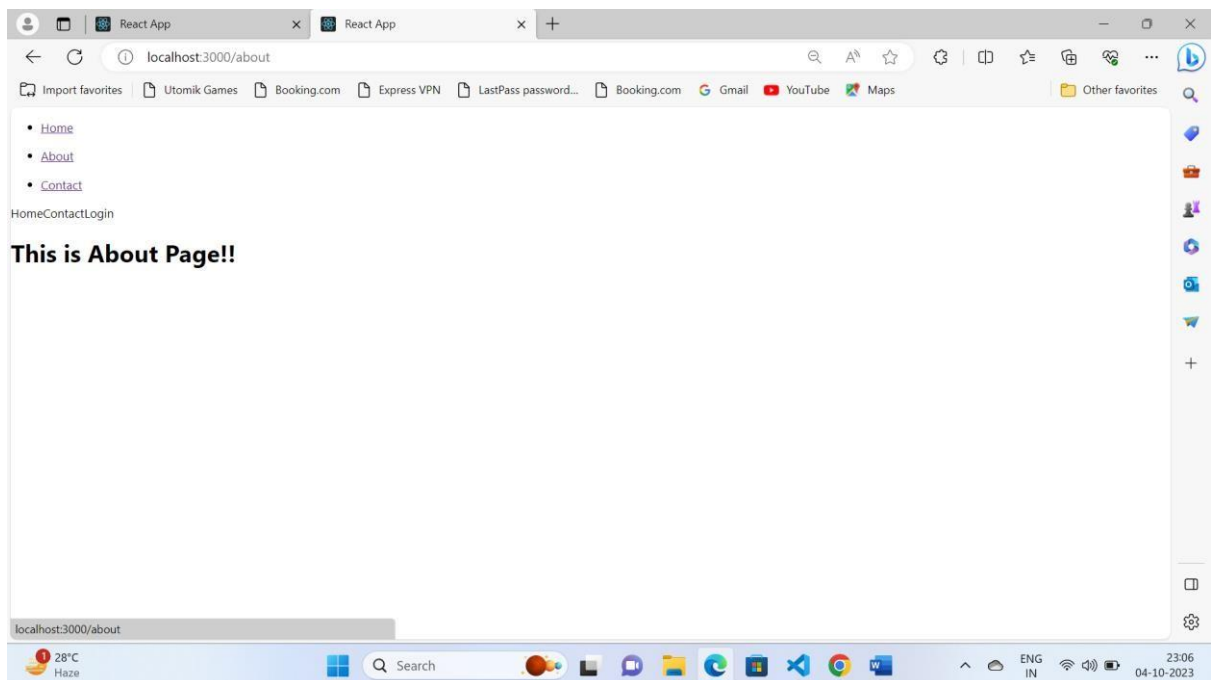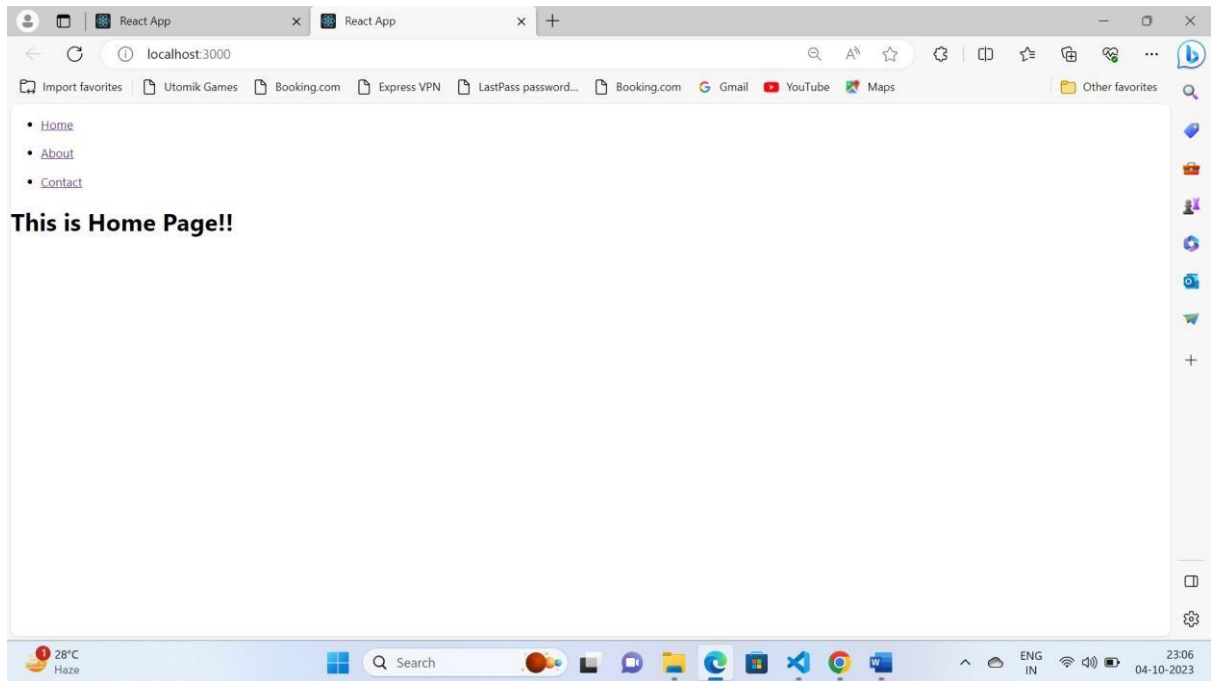Contact.js

```
import React from 'react';

const Contact = ()=>{
    return(
        <>
        <h1>This is Contact Page!!</h1>
        </>
    )
}

export default Contact;
```

Layout.js

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

const Layout = ()=>{
    return(
        <>
          <div>
            <ul>
                <li>
                    <Link to="/">Home</Link>
                </li>
            </ul>
            <ul>
                <li>
                    <Link to="/about">About</Link>
                </li>
            </ul>
            <ul>
                <li>
                    <Link to="/Contact">Contact</Link>
                </li>
            </ul>
          </div>
          <Outlet />
        </>
    )
}
```
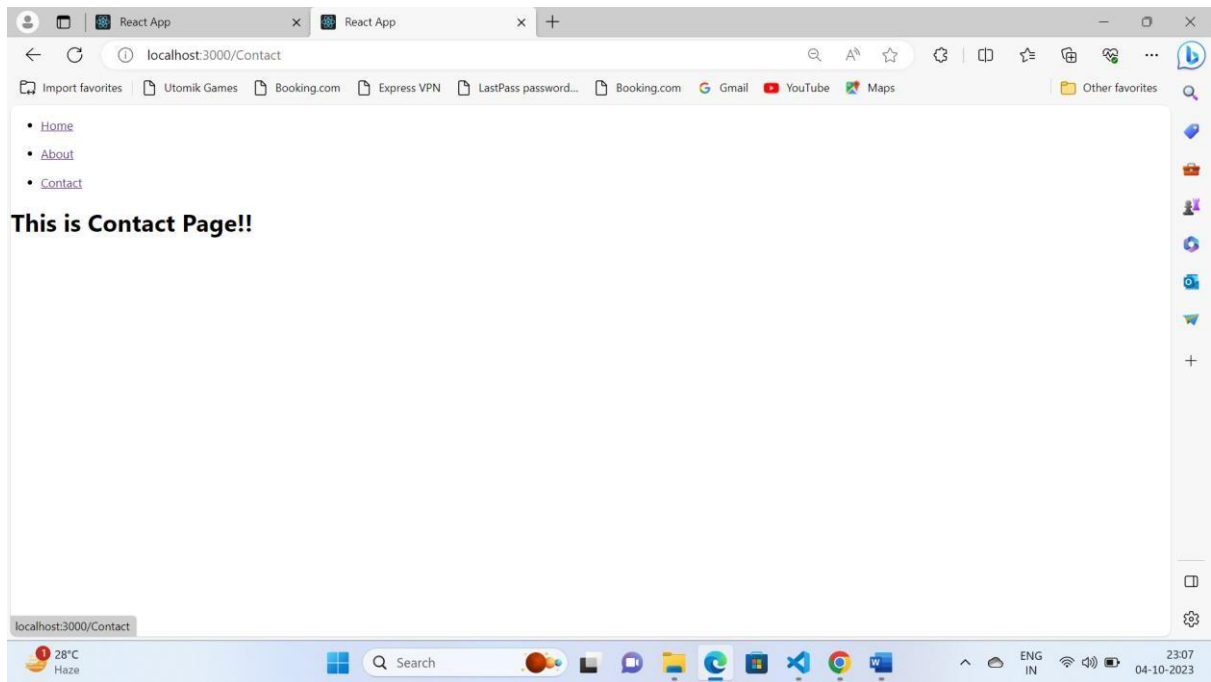
```
export default Layout;
```

OUTPUT –

CONCLUSION –

We have understood the concept of routing in react and created different routes for visiting different pages.