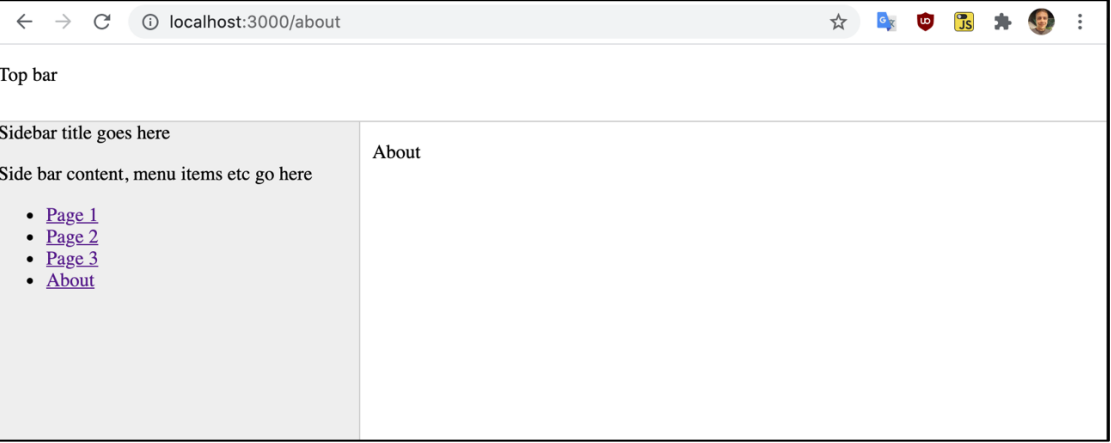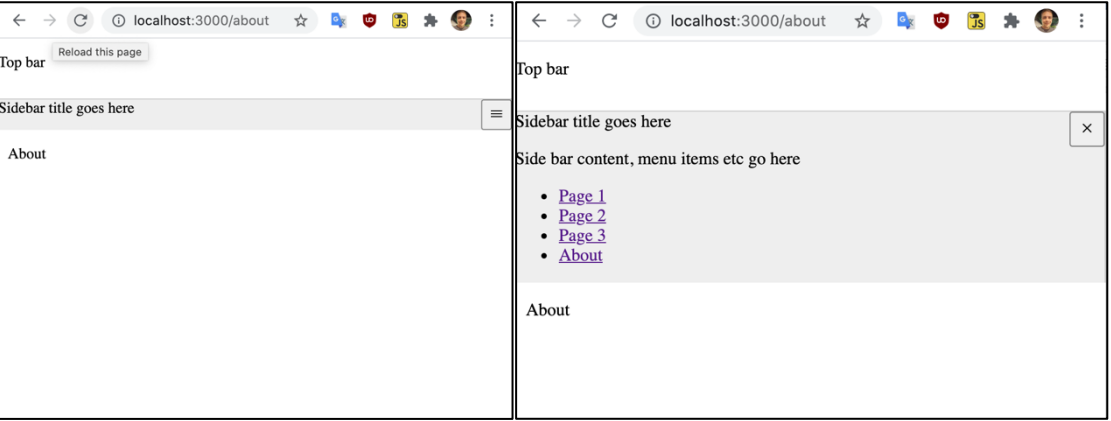# React Sidebar example

Desktop mode: Will display a sticky sidebar.

Mobile mode: Will display a menu with a show/hide option.

App.jsx

```jsx
import { useState } from 'react';
import { BrowserRouter as Router, Switch, Route, Link } from "react-router-dom";
import './App.css';
import menuIcon from './icons/menu-outline.svg';
import closeIcon from './icons/close-outline.svg';

function TopBar() {
  return (
    <div className="TopBar">
      <p>Top bar</p>
    </div>
  )
}

const items = [
  { label: "Page 1", href: "/page1" },
  { label: "Page 2", href: "/page2" },
  { label: "Page 3", href: "/page3" },
  { label: "About", href: "/about" }
]

function SideBar() {
  const [ visible, setVisible ] = useState(true);
  return (
    <div className="SideBar">
      <div className="SideBar_banner">
        Sidebar title goes here
        <button className="SideBar_visiblitybutton" onClick={()=>setVisible(! visible)}>
          <img src={ visible ? closeIcon : menuIcon } />
        </button>
      </div>
      <div className={(visible) ? "SideBar_content" : "hideContent SideBar_content"}>
        <p>Side bar content, menu items etc go here</p>
        <ul>{ items.map((item)=>{
            return(
            <li><a href={item.href}>{item.label}</a></li>
            )
        })}
        </ul>
      </div>
    </div>
  )
}

function Page1() { return ( <p>Page 1</p>) }
function Page2() { return ( <p>Page 2</p>) }
function Page3() { return ( <p>Page 3</p>) }
function About() { return ( <p>About</p>) }
function Welcome() { return ( <p>Welcome</p>) }

function Content() {
  return (
    <div className="Content">
    <Router>
    <Switch>
      <Route path="/page1"><Page1/></Route>
      <Route path="/page2"><Page2/></Route>
      <Route path="/page3"><Page3/></Route>
      <Route path="/about"><About/></Route>
      <Route><Welcome/></Route>
    </Switch>
    </Router>
    </div>
  )
}

function App() {
  return (
    <div className="App">
      <TopBar />
      <SideBar />
      <Content />
    </div>
  );
}

export default App;
```

App.css

```css
:root {
  --color-layout-border: #ccc;
  --color-layout-sidebar: #eee;
}

html, body, #root {
  height: 100%;
}

.App {
  height: 100%;
  display: grid;
  /* Grid will be a 2x2 design.
  1st row: Merge both cells together. 64px high.
  2nd row: Left cell 300px wide, right cell all remaining space. */
  grid-template:
    "TopBar  TopBar"  64px
    "SideBar Content" auto / 300px auto;
}

.App .SideBar .SideBar_visiblitybutton {
  display: none;
}

@media only screen and (max-width: 640px) {
  /* Rules for devices with screen <= 640px wide */
  .App {
    height: 100%;
    display: grid;
    /* Grid will be a 1x3 design. */
    grid-template:
      "TopBar"  64px
      "SideBar" auto
      "Content" 1fr;
  }

  .App .SideBar .SideBar_visiblitybutton {
    display: block;
    float: right;
    height: 32px;
    width: 32px;
  }

  .hideContent {
    display: none;
  }
  /* END: Rules for devices with screen <= 640px wide */
}

.App .TopBar {
  grid-area: TopBar;
  border-bottom: 1px solid var(--color-layout-border);
}

.App .SideBar {
  grid-area: SideBar;
  height: 100%;
  border-right: 1px solid var(--color-layout-border);
  background-color: var(--color-layout-sidebar);
}

.App .Content {
  grid-area: Content;
  padding-left: 10px;
  height: 100%;
}
```