REACT Cheat Sheet

This cheat sheet is for the course **React 18 Course - Learn React JS the fast way** by *Jannick Leismann.*

Router

A powerful library used in React to navigate to pages or components without reloading the entire app.

Install React Router

To install the node package for React Router type the following to a new terminal.

```
npm i react-router-dom@6.22.3
```

Import BrowserRouter

In your App.js import **BrowserRouter**

```
import { BrowserRouter as Router, Routes, Route, Link } from
"react-router-dom";
```

Adding Routes

In this code we added two routes which is the **Default Route** represented by the the **path** attribute with the **"/"** value and another route called **watchlist with patch attribute value "/watchlist"** these are existing components in the project.

```
  <Routes>
    <Route path="/" element={<MoviesGrid />}></Route>
    <Route path="/watchlist" element={<WatchList />}></Route>
  </Routes>
```

Adding Navigation

Here we added two navigations for the routes that we have created above.

```
<nav>
    <ul>
        <li>
            <Link to="/">Home</Link>
        </li>
        <li>
            <Link  to="/watchlist">Watchlist</Link>
        </li>
    </ul>
</nav>
```

Setting up the Router

Combining both navigation and routes will result in a router configuration.

```
import "./App.css";
import MoviesGrid from "./components/MoviesGrid";
import WatchList from "./components/WatchList";
import { BrowserRouter as Router, Routes, Route, Link } from
"react-router-dom";
function App() {
  return (
    <div className="App">
      <div className="container">
        <Router>
          <nav>
            <ul>
              <li>
                <Link to="/">Home</Link>
              </li>
              <li>
                <Link to="/watchlist">Watchlist</Link>
              </li>
            </ul>
```

```
          </nav>
          <Routes>
            <Route path="/" element={<MoviesGrid />}></Route>
            <Route path="/watchlist" element={<WatchList />}></Route>
          </Routes>
        </Router>
      </div>
    </div>
  );
}


export default App;
```