**Handling new react router dom v6 with class based components:**

Version 6 of react router dom doesn’t supports class based components rather it uses hooks so we will create a react-router-dom utility which works for class based components as well

Create a file named withRouter.js and paste the code: Meaning of the code is explained below:

// this is for using hooks in class based components

import { useLocation, useNavigate, useSearchParams } from "react-router-dom";

export const withRouter = (Component) => {

const Wrapper = (props) => {

// props is components props

const navigate = useNavigate();

let { state } = useLocation();

let [param, setSearchParams] = useSearchParams();

return <Component {...{ state, navigate, param }} {...props} />;

};

return Wrapper;

};

Here we created a withRouter jsx function which takes that **class based components.** The idea is to push the functionality from hooks to Component as a prop. For example if we want to use useNavigate in class based component named Home:

1. Import withRouter
2. Create class based component Home
3. Access navigate as this.props.navigate(‘/’)
4. Module.exports = withRouter(Home);

navigate points to useNavigate() in withRouter, so when it is called the actual call goes to withRouter which is not a class based component and it passes the parameter from navigate to useNavigate.