

1	ShoppingEx	1. Show the dropdown , 2. add the <ProductDetails> 3 <ShoppingCart>
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Can you write like this in any function ?

```
F1()
{
    This.setState({num1:n})
    This.setState({num2:n })
}
```

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Routing in React = Allow the programmer to give a menu bar or navigation bar to the application

1. npm install react-router-dom
2. Go to index.js and add the routing context

```
<BrowserRouter>
  <App20/>
</BrowserRouter>
```

3. In the App20 component return <Routes>

The Routes tag has many <Route> tags

Each Route will MAP the link **path** to a component **element**

```
<Route path="/shopping" element={<ShoppingEx />} >
```

4. keep all the Route tags nested in the default Route tag

```
<Route path="/" element={<Home></Home>} >
  <Route path=.....> </Route>
  <Route path=.....> </Route>
  <Route path=.....> </Route>
</Route>
```

5. To use Routes in the HomeComponent add links

```
<Link to="path"> LINK LABEL </Link>
```

6. Provide an <Outlet> </Outlet> } } } All the elements clicked by link will be rendered inside outlet

7. Route parameters can be passed to any route .

- a. Add a place holder while giving the path in the <Route>
- b. Pass the value while giving the <Link to={` /alpha/\${varname} `}>
- c. Access the route parameters using the useParams Hook