

Routing in React !!!!

Navigation Bar

EVERY Javascript Framework has the concept of routing !!! THIS is a popular concept for **SPA**

A space is designated to show the output . All links show the output in the same space !!!

TO Enable ROUTING functionality in our project ---

Cmd and CD to the project folder
And npm install --save react-router-dom

DECIDE The links and the paths (routes)

Function component	Class component
useState--- HOOK	this.setState
props	this.props
useParams --- HOOK	No parallel hook ---- WRAP the class tag as discussed in class and pass the return value is useParams() as a props , export the wrapped tag
useNavigate--- HOOK	No parallel hook ---- WRAP the class tag as discussed in class and pass the return value is useNavigate() as a props , export the wrapped tag

CONDITIONAL RENDERING -----

Render a component if the condition is true , if condition is false the component should not be shown

Cond1? <tag> :null
OR
cond1 && cond2

OPTIMIZATION ----

If first is true then only second is evaluated
If first is false then second is NOT evaluated

React using REDUX store !!!!!!!

HOW CAN I SHARE the DATA between Different Components ???

I want to share the USERNAME between all components ?

If we use props --- we face a problem == PROPS DRILLING

To overcome this --- an external storage of variables is created that can be accessed directly by the components --- so props drilling is prevented -----
library REDUX

```
npm install react-redux --save
```
