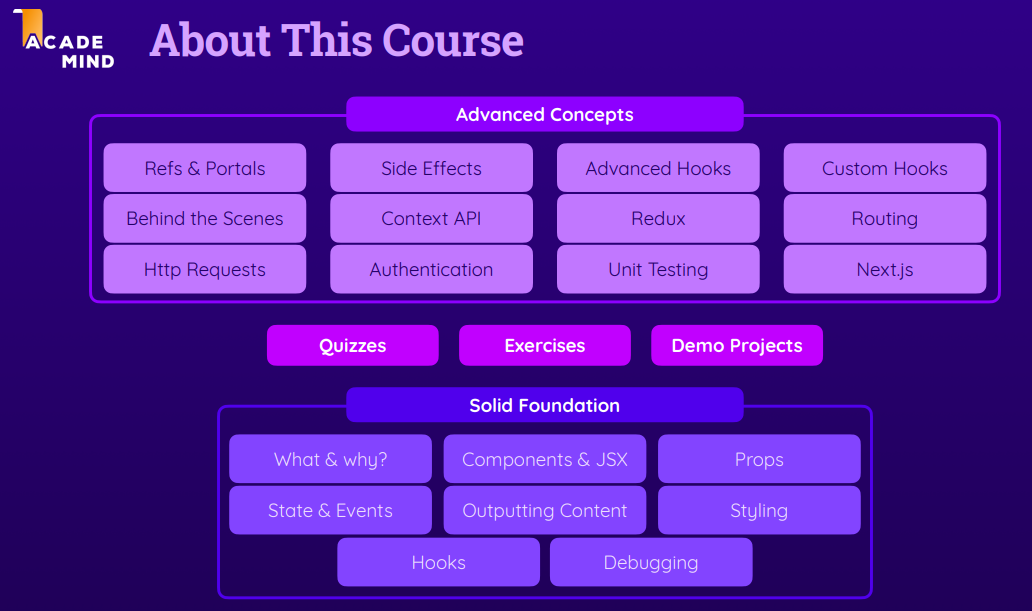
Resources :

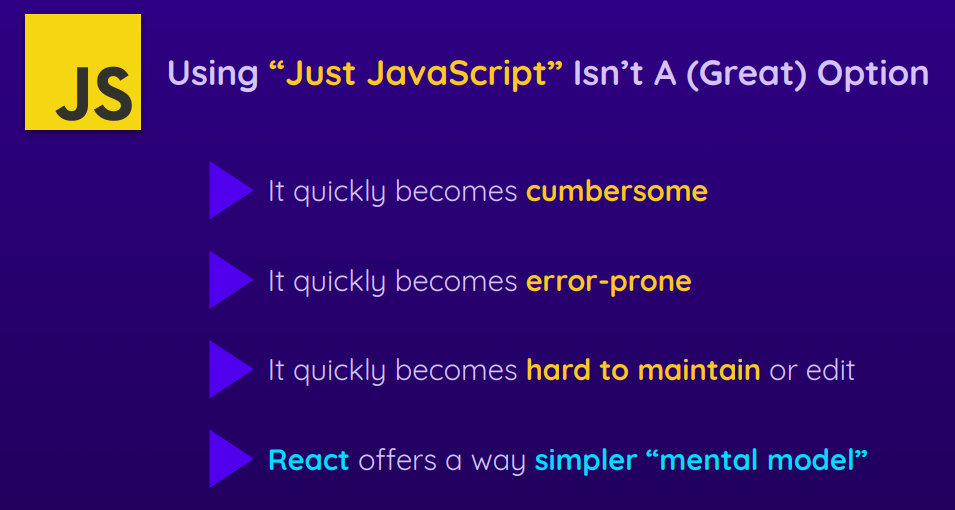
**CSS modules**

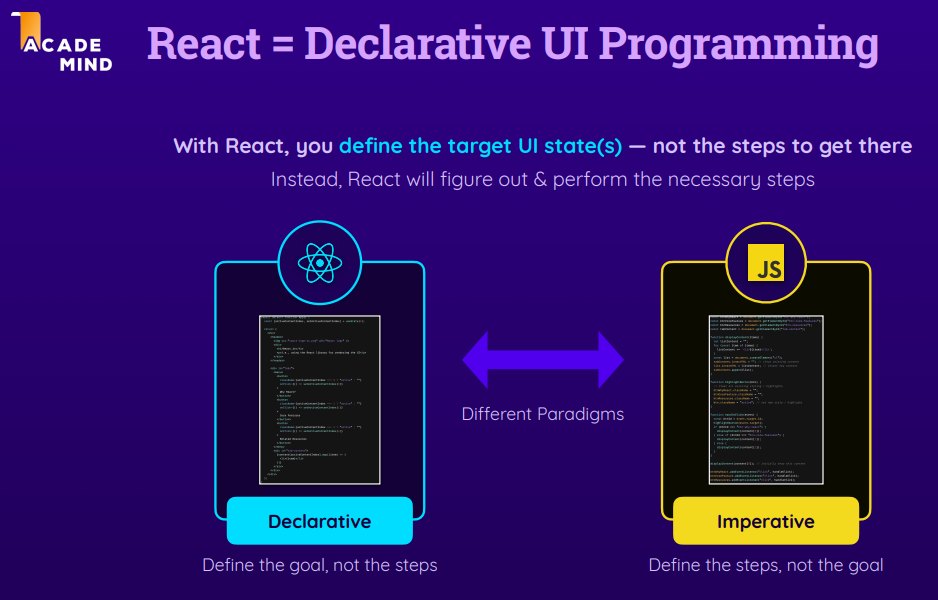
* use instead of styled-components!!

[styled-components](https://styled-components.com/) :

* npm install styled-components
* install vs extension vscode-styled-components

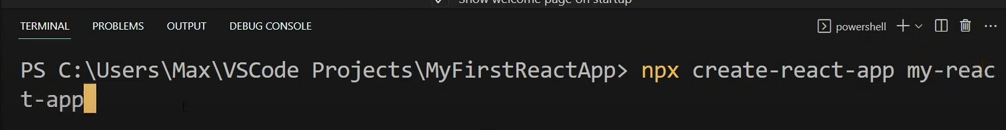








# Creating React Dev Env in VS Code



# Existing project

* Make sure you have a gitignore file !

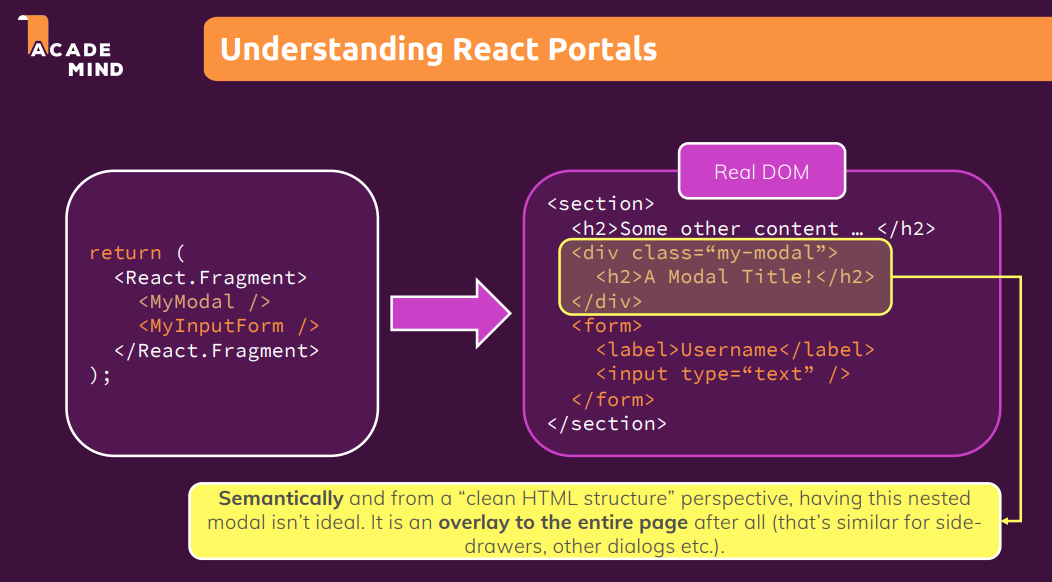
In terminal

* npm install (installs React)
* npm start

# React Fragment

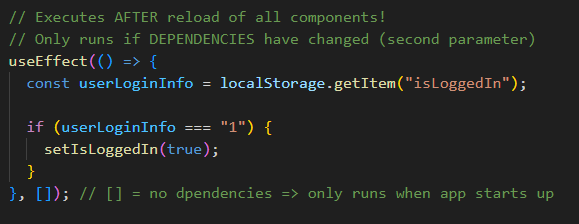
To reduce div soup & multiple elements in component root html

Has no tag in generated html!

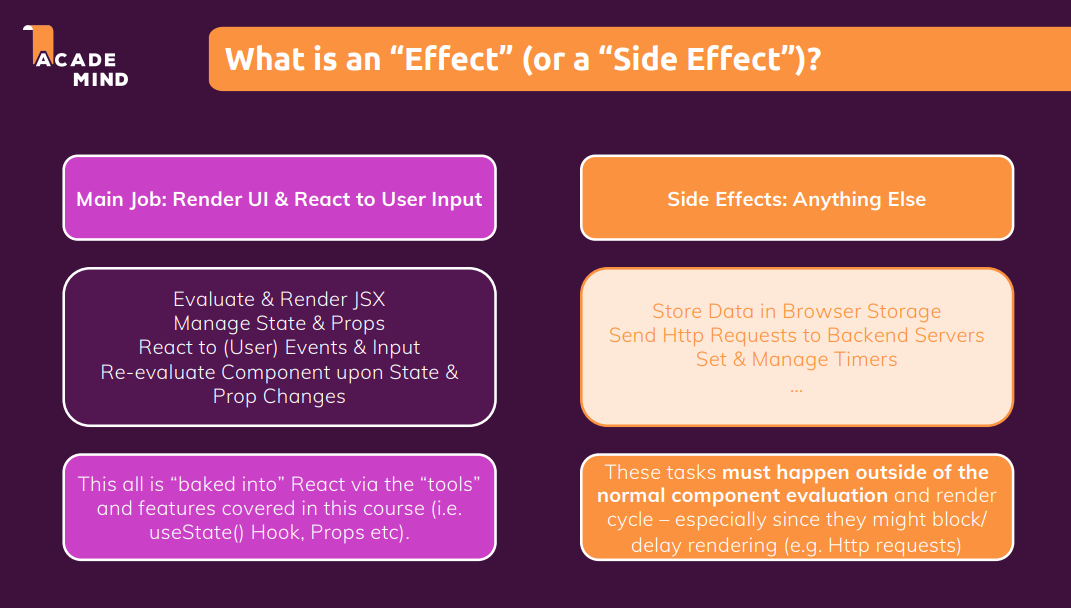


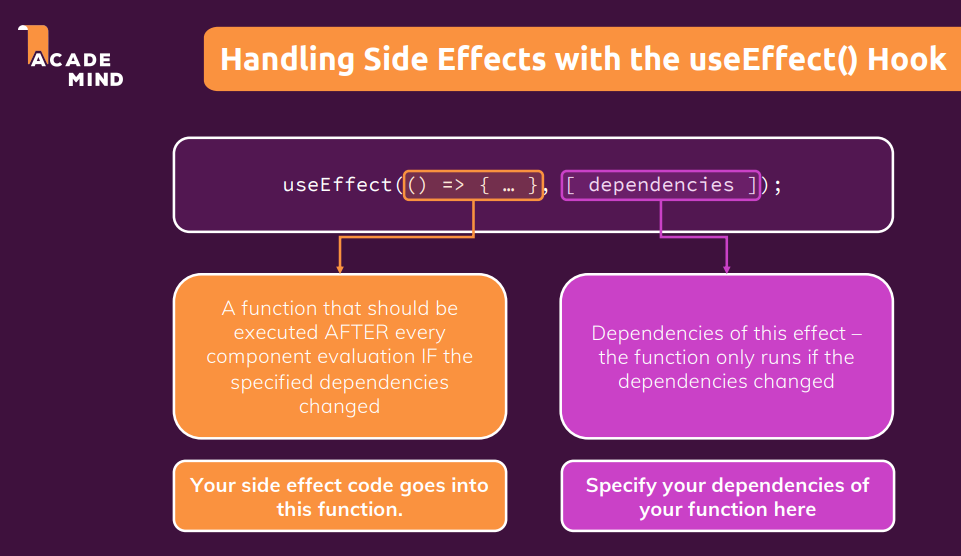
# Local Storage

Local storage for **Component**!

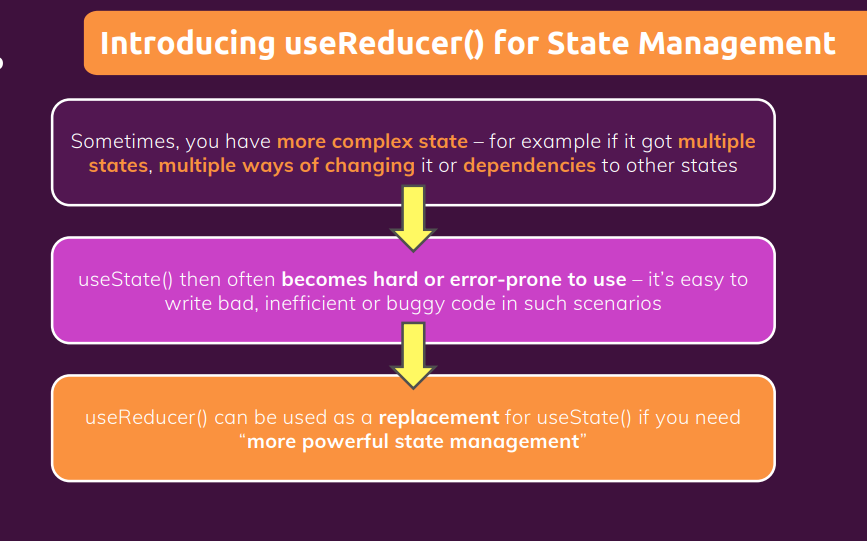


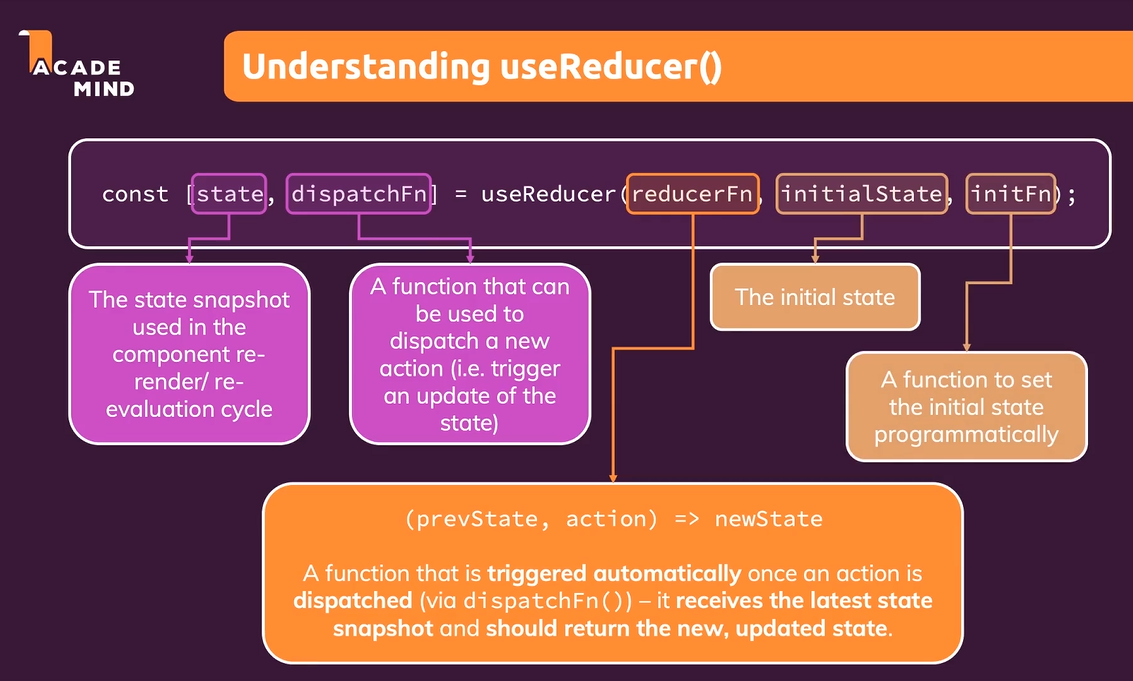
# Use Effect

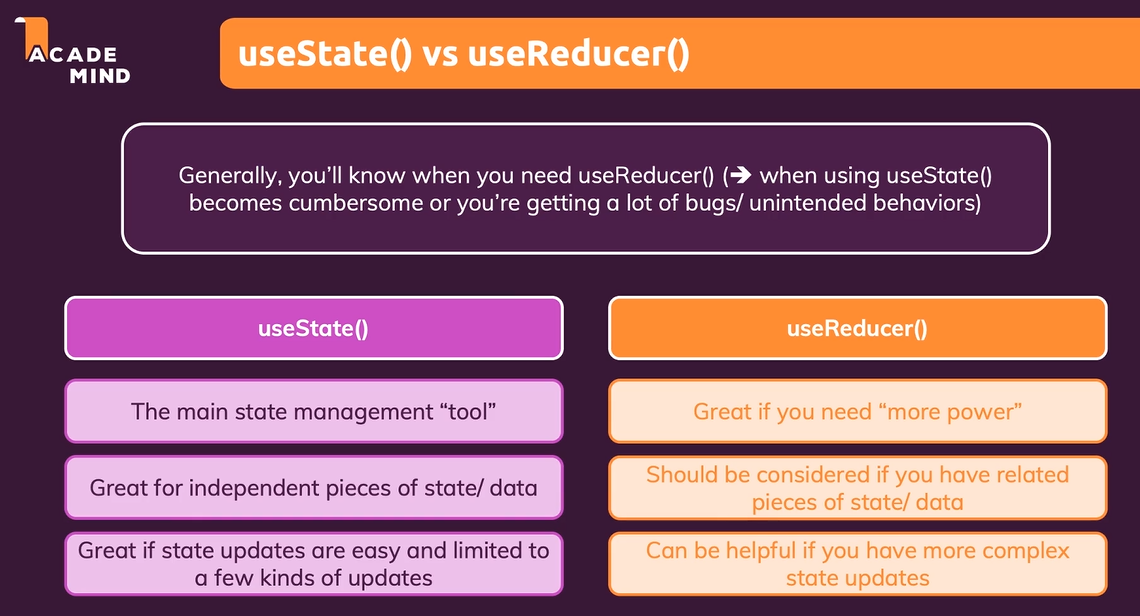




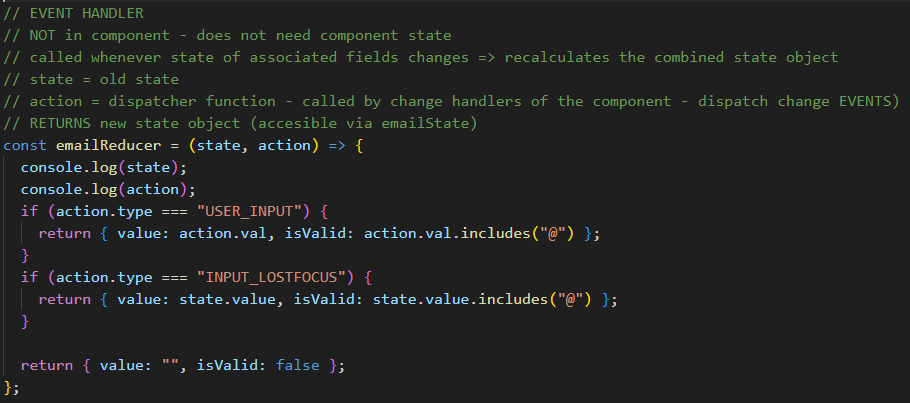
# Use Reducer



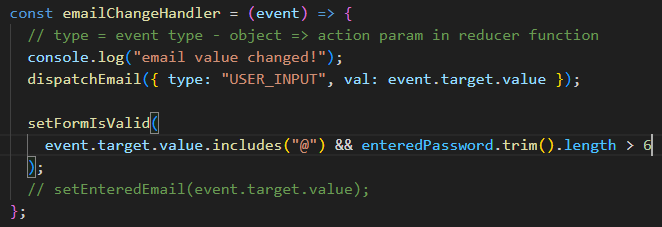


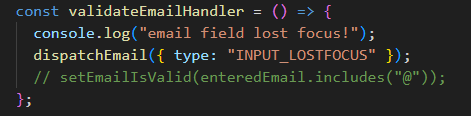


Changed state event handler

****

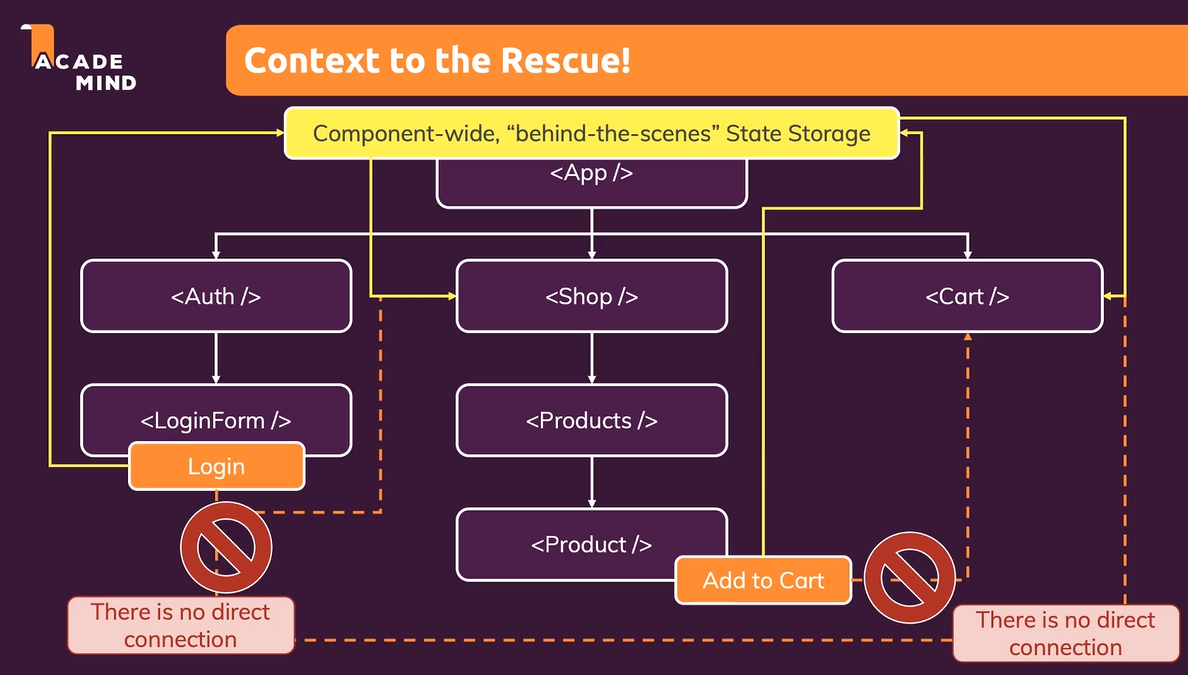
**Changed state event dispatchers :**



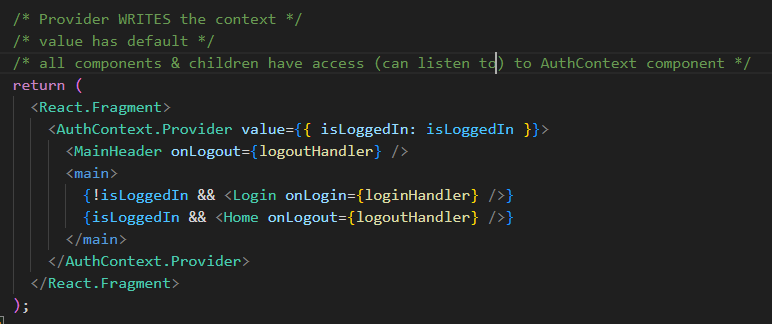


# Context

Global state

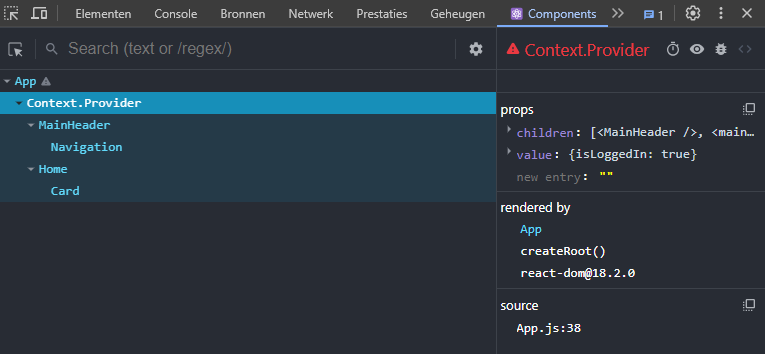


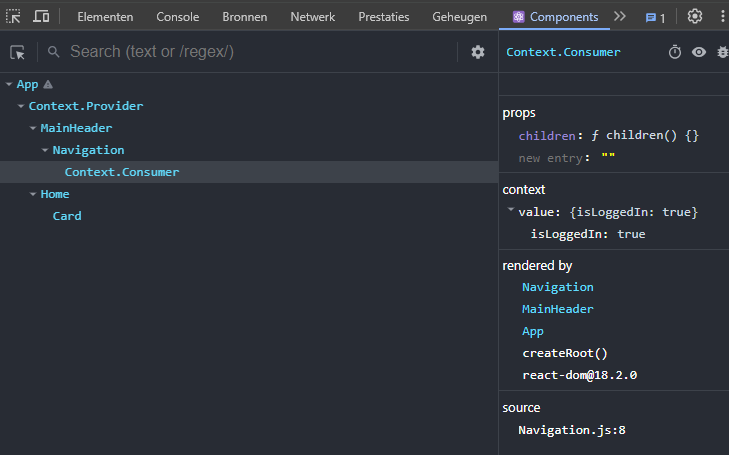
Provider



Consumer

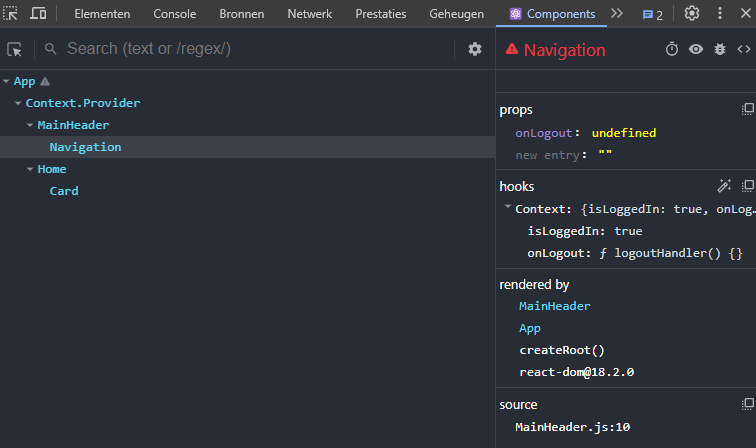






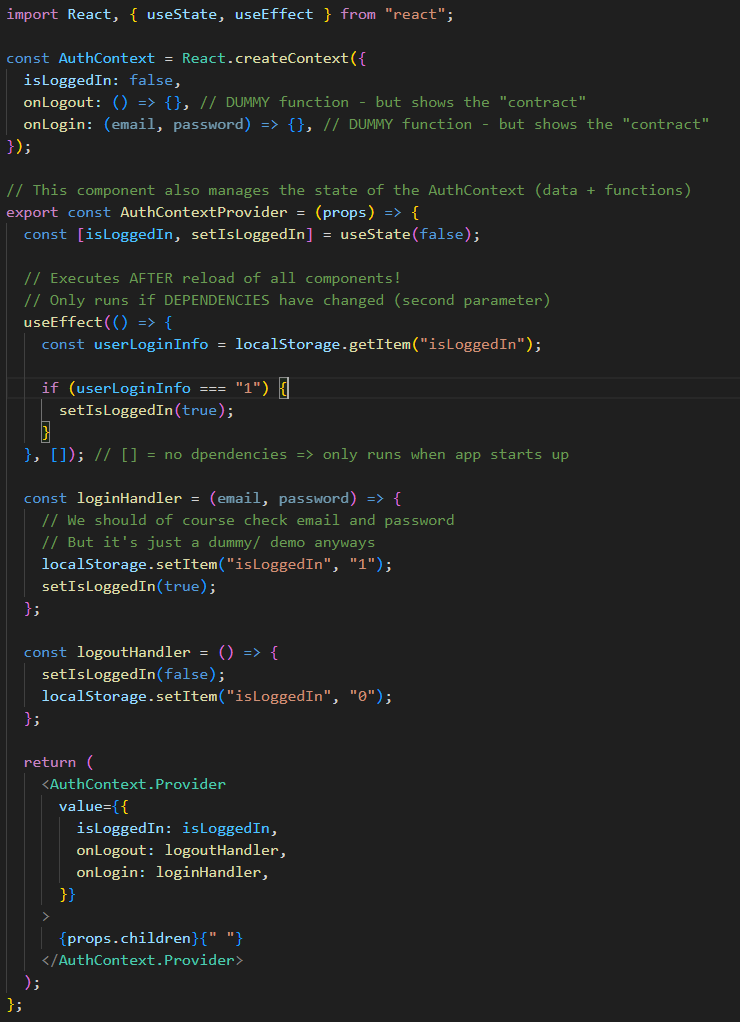
# useContext = Alternative for Consumer



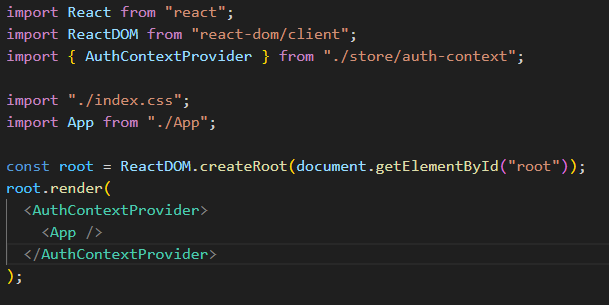


# Custom CONTEXT components

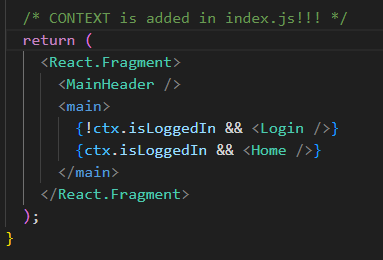
Components that manages the state of the Context – data + functions



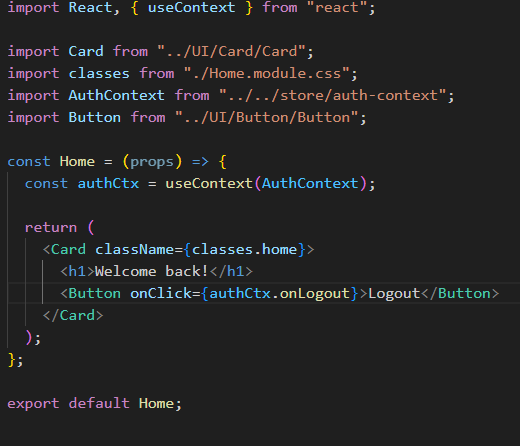
Index.js !!! (not App.js)



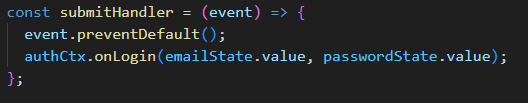
App.js



**Home.js**



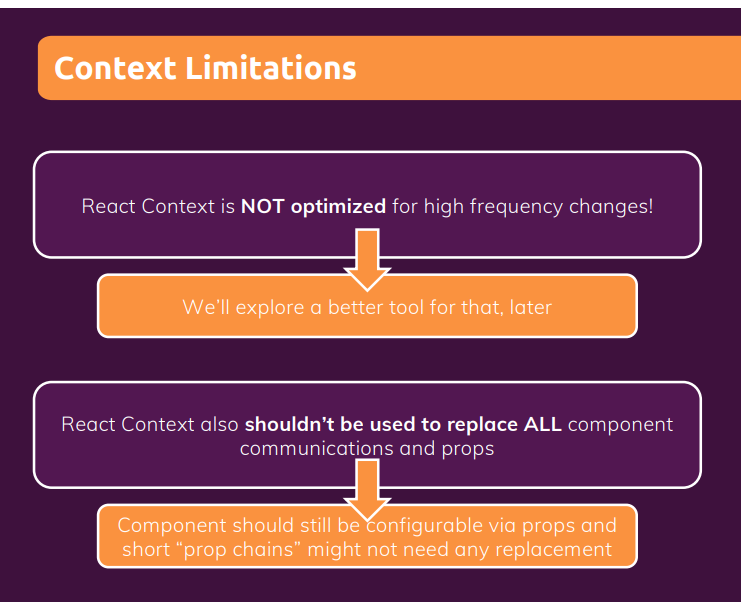
Login.js



## Context Limitations

**Redux** is alternative

Don’t use in reusable components like a custom Button!



## Hook limitations

