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1  /* ===== React Context =====
2  1) we can forward data by props on component to another component
3  2) to Remove the chain props React Context Help to forward with out chain
4
5  such as : App.js directly get data from login info and send to other component with out chain
6
7  3) After creating Context wrap store data i
8      * provide data   <AuthContext.provider> </AuthContext.provider>
9      * consume data   <AuthContext.Consumer> { (ctx) => { return ( all JSX data)}}
10
11  when we pass data with provide that time wrap hole component so that excess the data all child
12  and when we receive the data and use that time also wrap
13
14  we can use context.js some {useState, other hooks}
15
16  export contextProvider = context() =>{
17
18      use some code
19      and useState() and hook
20
21  }
22
23
24  and receive the export file and use them
25
26  App.js only serve th JSX code
27
28  */
29
30  // ===== context.js =====
31
32  import React from 'react';
33
34  const AuthContext = React.createContext({
35      isLoggedIn: false,
36  });
37
38  export default AuthContext;
39
40  // ***** END *****
41
42  // ===== App.js =====
43
44  import React from 'react';
45  import AuthContext from './Context/context';
46
47  function App() {
48
49      return (
50
51          <React.Fragment>
52              {/* // Wrap the hole component with Context to use the data or Provide data to forward and recive data */}
53              <AuthContext.provider value={{ isLoggedIn: false, }}> {/* we can pass default value props*/}
54                  <mainHeader isAuthenticated={isLoggedIn} onLogout={logoutHandler} />
55                  <main>
56                      {isLoggedIn && <Login onLogin={loginHandler} />}
57                      {isLoggedIn && <Home onLogout={logoutHandler} />}
58                  </main>

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58     </main>
59   </AuthContext.provider>
60 </React.Fragment>
61
62 );
63 };
64
65 // ***** END *****
66
67 // ===== Navigation.js =====
68
69 import React from 'react';
70 import AuthContext from './Context/context';
71 import { classes } from 'istanbul-lib-coverage';
72
73 function Navigation() {
74   return (
75     <AuthContext.consumer>
76       {
77         (ctx) => {
78           return (
79             <nav className={classes.nav}>
80               <ul>
81                 {ctx.isLoggedIn && (<li> User </li>)}
82               </ul>
83
84             </nav>
85           );
86         }
87       }
88
89     </AuthContext.consumer>
90   );
91 }
92
93 // ***** END *****
94
95 // Same code But use the React useContext Hook
96 // ===== Navigation.js =====
97
98 import React, { useContext } from 'react';
99 import AuthContext from './Context/context';
100 import { classes } from 'istanbul-lib-coverage';
101
102 function Navigation() {
103
104   const ctx = useContext(AuthContext);
105
106   return (
107     // <AuthContext.consumer>
108     // {
109     //   (ctx) => {
110     //     return (
111
112       <nav className={classes.nav}>
113         <ul>
114           {ctx.isLoggedIn && (<li> User </li>)}
115         </ul>

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117     </nav>
118
119     // );
120     // }
121     // }
122
123     // </AuthContext.consumer>
124 );
125 }
126
127 // ***** END *****
```