Understanding user leuro and use Callbour React nears our un insync whow offlication state. Took: "re-render. use mano and use Callbore are tooks built to help us ophimize re-remors. In Javascrift, woorly have one main thread 1) A cheure of none to be Jerfone c, userland trues tuo agunerets: Litislive a small well, and the 2) A list of defender als. Spendercies ore the coche invalide -Memoizatore tion statesy. Real mens - jue comparent -> exact default bect - meno (Component) Use reces use eases: 1) Heavy computations from the Lacementation 2) Proserved references used is a Recet hoor fer generally unique Us that are stable or loss the sever and elient, while averding hydration insucides. It is not for ferrenting Mars in a list. Keys slock begenerated from your data. \* some for defects Préslan : / any time lecet re-roudes, we've prodeix a non away. They're aquicelest intrus fredue but not in terms of externer. ise temo to pesent a reference to a pur cular anayloget. use Teno - fer fine anay 105 jets; use Callack > fer functions Finerious are also compered by reference, not by value

```
Recet vseCallsex (Juneticy helloutile () 23, []);
Real vertereo(() => function hellowheld () [3, []);
whento use these horss "for sure":
                                      1) Iuside generic Euston boas
                                      2) Inde eoutext jourders
                                    Since it's earned to jan a bij object as the value
                                    offubute, it's generally a gadida to memorize
                                    this object . Example:
     Coust Auth Context = Peact. create Context (E3);
     function Ath Promider ( & user, status, children 3) {
          loust menaized value = leact. use Meno (() => {
               return }
                  user,
                  Status,
          3, [usa, skahs]);
          refarn (
             (AVRCoutext. Provider value = { meniorad value }>
                 & children }
            </Aville Context . Provider>
```