Home

products   orders   about

Header | Header | Header

---

products

Products   100   ← Header

②

Orders

Orders   3

---

title   props   subtitle

<h1>   <h4>

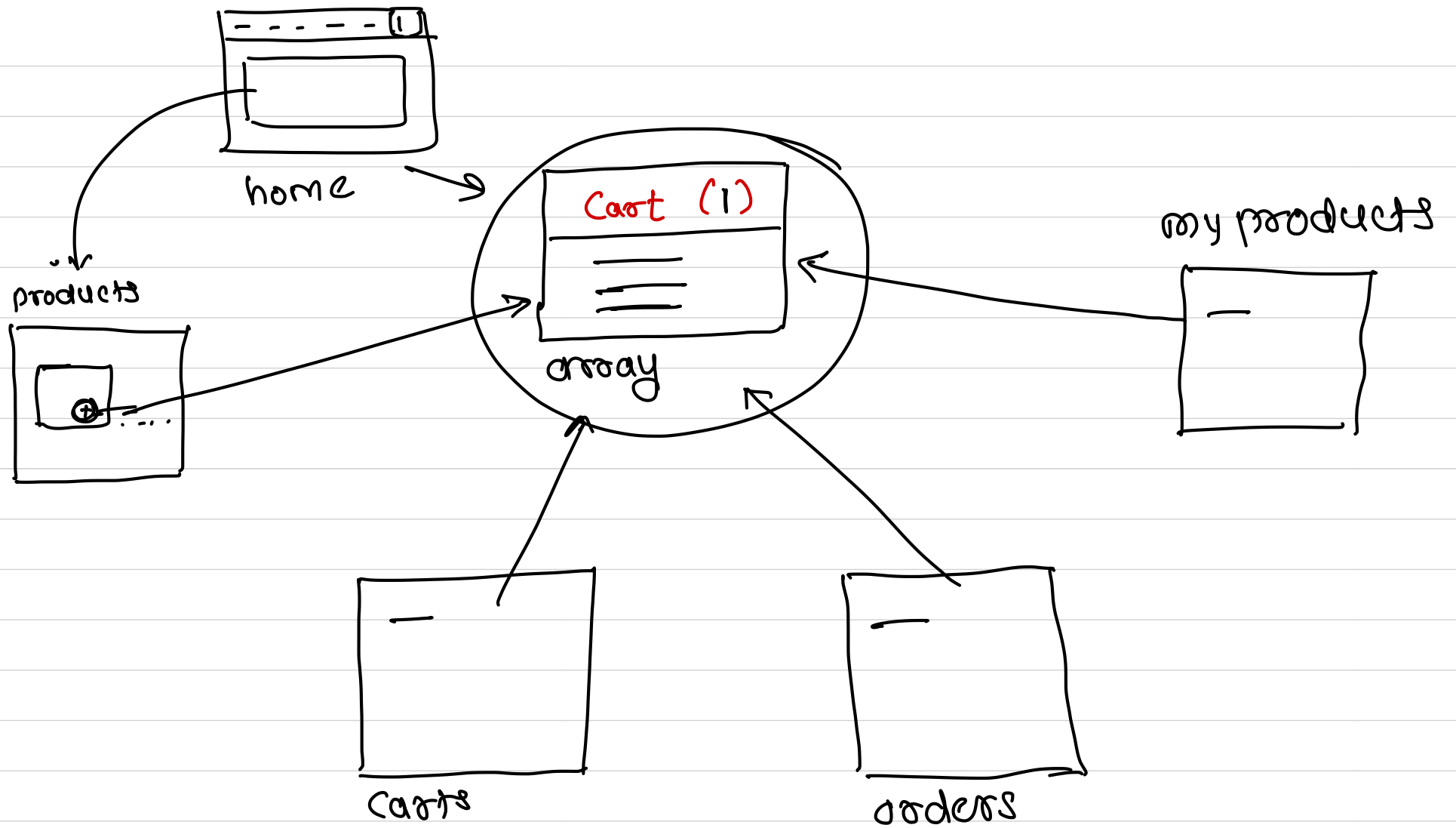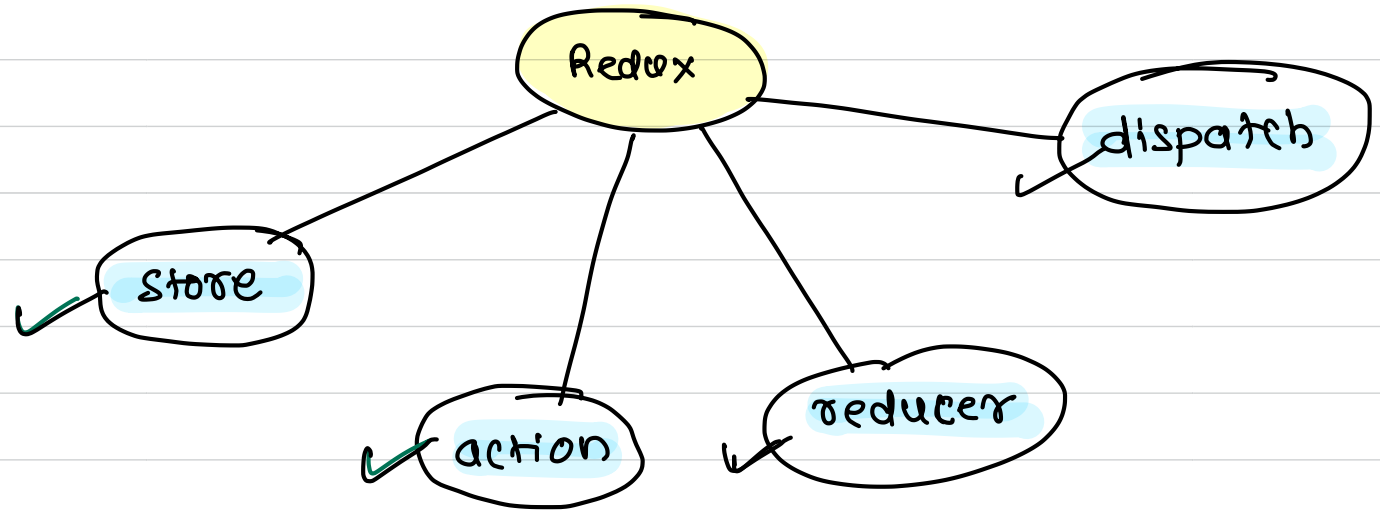**Header**

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products   (parent)

↳ title
↳ subtitle

→ Header (child)

↳ props

---

① to pass data from parent
to child component, use **props**

② to manage data inside
component, use **state**

home

products

Cart (1)

array

my products

carts

orders

$$\underset{\text{Redux} \rightarrow}{} \overset{\text{app}}{\underline{\text{Global state management}}}$$

- → react
- → angular
- → vue

Redux

- store
- action
- reducer
- dispatch

data

counter 1

actions

What?:
→ increment (+1)
→ decrement (-1)
↳ reset (0)

①

Store
counter (1)
- product list
- is LoggedIn

Store
(common place)
Where?

IsLoggedIn

actions

What?:
→ signed-in (true)
↳ signed-out (false)

useSelector()

counter : 0

② +1 -1 0

increment

useDispatch()

dispatch()
③

How?

④ counter-reducer
↦ state : current value
↳ action : action to be performed

switch (action) {
  case 'increment': return state + 1
  case 'decrement': return state - 1
  case 'reset': return 0
}

action: increment
state : counter(0)

updates store ⑤

updates state
⑤

Login

signup Sign in ②

useDispatch()

dispatch() ← signed-in

③ state : false
   action : signed-in

How?

isloggedin-reducer
↦ state
↳ action

switch (action) {
  case 'signed-in': return true
  case 'signed-out': return false
} ④