useRef() -> DOM changes -> predefied text

Usecase-1 -> hook -> dom element -> reference ✅

Div
h1. -> maniupoulate/chnge
strng

useCase-2 -> state maintain -> betweeen 2 renders

Render-1 => 2
state -> preserve/maintain
Render-2 => 2

Variable -> salary (50000) -> display (ctc)
inhand -> not correct -> correct number display ✅
DOM change -> **useRef()**

3s baad realise -> 33k + 17k

-> setTImeout() -> sideeffect? Yes -> useEffect()
✅

V imp concept -> Routing -> react khudka router nhi hai 🚫   /product
3rd party - > react-router-dom   /reviews/:id

npm i react-router-dom ✅

-> SPA -> routing use krne ke baad bhi ✅
-> Client side bundling ✅

-> | Client side rendering ✅ |

Library -> js data ->dom mipualate - > refreshing ❌
Client side ✅
-> 3 pages -> 3 baar server call -> 3 baar alag alag pages aaege ❌

1 server call -> saara js bundle ✅
-> routing('/') -> data apne aap chala ✅
->   routing('/products') -> new data apne aap chala ✅

Route -> path -> element/component
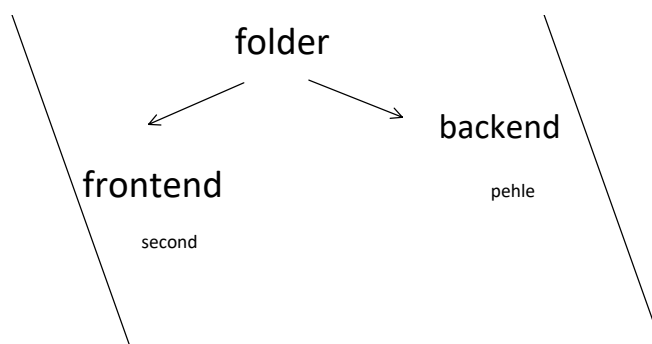
useNavigate() - hook -> react-router-dom -> routing

Backend - ecoomerce
react integrate -> is project

Backend + frontend   1. Quotes App with backend ✅

folder

frontend

backend

pehle

second

Db connect -> model/schema -> seed -> apis

Get -> allquotes
post -> addquotes