prodel Name Email age. reate series pololer dependies → router → arrios npm init -x sert lengt -> enpress create folder Called server. unside Street An Ander. is bookend coop Jolder nerite

word roch page request. cenformettion form a Des ouvere (from viny other Sites) weather to accept the request and process it an next will or not will be supplied in a week book, ue are use J-manpron i acuas npm i cors.

4 j we delete package. I son command us npm init -y Soura console is below the terminal clinet convole voill be en browser. 3 € (mai hous) 3 5 28.08000 (" Wello I Nodo 1811);

, enjoces is citrain you npm i express do download. occanase is a seizurord from node js. const ochross = aequire (enpress); const cupp = empress (); const port = 3000; app. get ('1', (veg, ves) > ? res. vsend ('Hello, Node. js!'); 3);

ountine onveconment that allows you to our javascript on the isower vide. NOTE: Maintain split toominals (2) is 18 code un orden to rose client and wower sun command >> Start the your jurst node sever. js - jile name > command to our cerent hpm staat.

create ado computers one collection eaptope Insert nodel, 10lor, Status, price vender name vender price Dhist out poutriusai more O change it Status vice versa. filt b all the

· sQL- record Mongo-Downent SQL- Table Mongo inclustion ascerbion are stored un DB Mongo will have multiple DB ruse con reveate DB riving command prompt and with the help of compours

Mongo-DB -> NO -SQL -> unstructured date to process -> fill format in json files Java soupt Object. compase > 45 an cinterpare > shelps us to reach mongo do souser which means using compass we will jetch datas from versen. Mongosh Mongo shell is repeated by Mongosh Data modellin y Schema 1h) Afris an actual comprint of DB which you weated by Joseph using data

Roclux Installation npm i @ reduz js Ltoolkit react-redu vedux js [tool kit Library. react-redux L) Package helps to connect viedux and react component

get the pass word from over as input if the Parsword is cornect dispers state Slices Store. a Junction LBD) dispatch

Point - R wellreducer returns away giret is that initial count and record is dispatch yundi on we call them as State and du patch here the State will hold initial ralul and updated once you called dispatch function and dispatch will trigger updated junction. WARE - WEST SE BITE

get or

y to

weth events ing -> on click -> enabort -> on mause over >> on change! COX USEREDUCER some as westout to manage or update states that is data that is values of components. difference is if you have amove Auts or compeen things you use userreducer hook Step 1: create +, - program using needera stene: replace use state voits use reducer. note > Reducer function (what you want) >) Initial value of State

Synchronizing a component riseth ere After omaction monitoring our Buing Isidelfecte happening in the. junctional components - site possible using uselfect hook

componente - ark -> container 5 usor iseconte at without following the hierary Poursung State from one component to another component in efficient way using the hook. two imp things 2. create contert E. We content An the queen example breate content will be done in app component and we that will be used in wer. component using rescontext.

Rogs can clee passed between components oney by pollowing -) 0 the heirachy robids means. -> U Parent 1 40 To overcome thie in terms of efficiency we are using nooks. Conclusion If we want use state from One compo to another compo only way to acheive is by parsing Props in brienally. This is not efficient, to make ut effecient roe house an oxillusive nook challed welontent encounted to private to the contract to the contract to

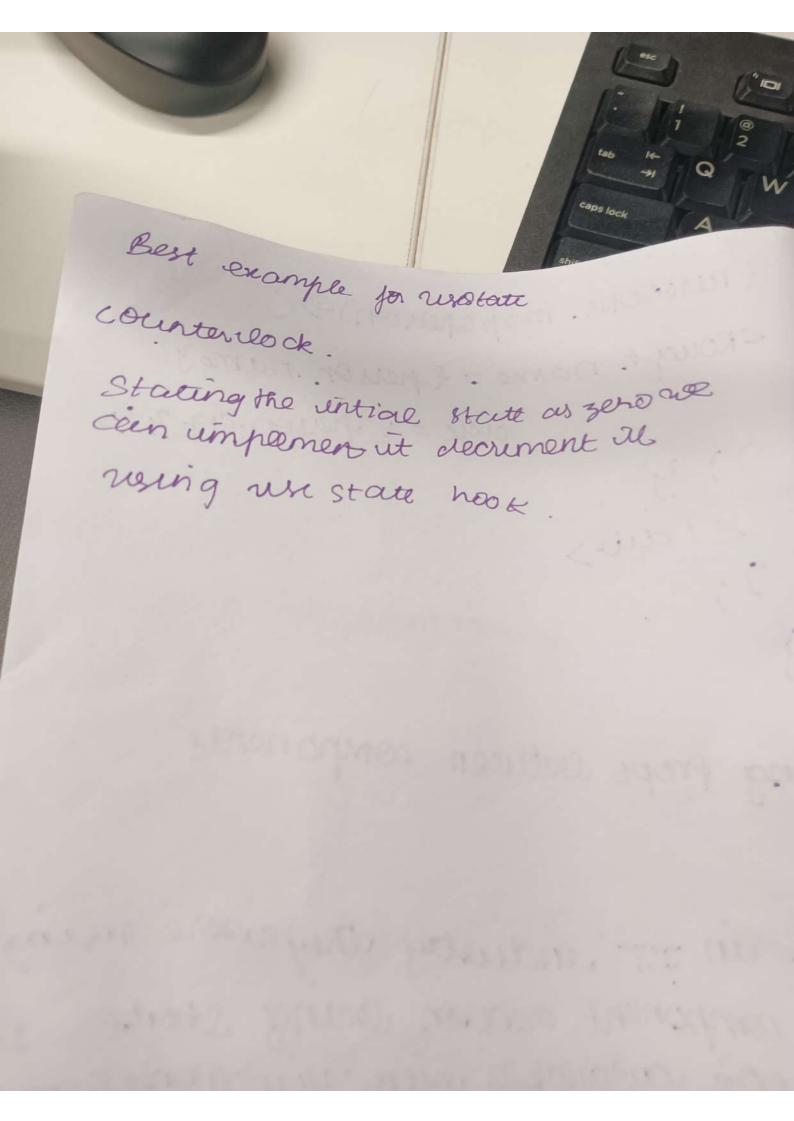
ils

usay 4 chause 5 components 01,02,03/64,05 CI -> Props (HI) & Pass to and add display messages in component 1,2,3,4,5 orespectively by keeping component one as parent (i) restall childress was per the order. So C, whild is Cz-child is Cz-childus C4 - child is C5 every component should curplay muits name vous message, as components eite that and display them six were from hi - ho NOTE E 3 -> Oply whenever we use something in & 3 it can be either Javascript object or react component

al

use effect upon, the condition or action we apply in our junctional componente monitoring the impact or side effects can be done using use-effect hook. ust effect accepts two arguments -> call back > pependency array? call buck function is site constructor in java.

spread operation > helps to combine the away. 11 Initial arrays. const avay = [1, R, 3]; const array 2 - [4, 5, 6]; const combined Array = [... Array, ... arrays, console. log ('Araay 1:', array 1); console.log (Arrayz: array 2); console log ('combined Avicey:', combined Avicey:', combined Avicey);



Spercesons. map (person) => C < Rough name = & preison namey age = 8 person age 3/3 Y Hoese components 1) 4 < 1 dies Passing Props between components Eaglier un IT endustry they were rosing clairs component oreason being state concept not ravailable with yundienal compos Component NOW hooks is used to impament state in quoctional component restate releged sistoref. wel reducer uge content

& Auros Fleiphart website < ROWAY Home page Fashion Jane components Cotocoues mobile subtitle mobiles -> component name Props Vilasion Pouce wooder jests land in betile Earlie State discount junction April)? class concep const pouron = [lompio & name: 'vishal', age: 194, NOW Ename: deek!, age: 204, E name: 'nandha', age: 224 orework 6 < dive

A

Props and states 1> Proposity every component rail house pourps and states Props 4t want change ex: Name "Tata's Bislovie" States It changes or itse wan change it Q26. water both level in bottle. Initial state full updouted state-half. const hor . Clovent State - empty is bit; soo , anyally; much a frome , deek , 20%: 500 Ename: nandhar, age; 227

ave: -> Document Object model POVOY React jollans virtual dom once here replike ntril once dom Prof gets created the changes or maripulation robott noe do ex. gets completed and only shot Part roill be one vendered. where as in HTHL everytime noe mote change entire dom noill be re rendered. Web application created by react, is , each and everything called as component. Types of components > functional component -> class component

Who describe the conte was 19th of

4

any - will only with the race - work with your also comine can React Js -> 4t's a lib or framework of 5s en: websites Netpein amazon. HTHL hoes white states dom neces >> Youtube stops. -) wiki kedua Two umportant jolders in react -> Public jolder -> SEC yolder 3 umportant files > Index. html tes - Inden Js -> Index. CSS Os of now don't touch winder fell Intiality write the code in App. 55.

Rozomise unbuilt methods race > when there is more than one promise in order to review them we can React use promise unbuilt mothod -> 4t according to the requirement en. Subtible methods -> Promue all -> Promise any -> Promise, vallesettled HTHI > fromise vace. -> You - Promise all.

once it sels promise jalle it will stepp. -) week Promise any gues the shortest time momise, -> Provided Status Should be touc will displays aboning y these 3 states Promise all setteled -> Julljieled -> rejected > pending

worte a promise called " andrea-8p" Distance andhaa >A = 5000 androia -> B = 2000 andria $\rightarrow c = 1000$ c ocached B seached A oreached. Peromise -> Is objecto resolved (vuccess) Rejected (gailure) < htm L> auties the Araylant burne In < Script> let reach A = new promise ((susolice, reject)=>[let reached = some if (reashed) Set Time out (vesolve, 1000, "A reached") elle reject (" A not reached") 4)