

\* Todo App + firebose Step 1 -) Had an itp field. Stop 2 > Add a button. Step 3 > col > cli> cli> c/ul> thous code values t should shown in list. Step 1 > create as todos avoiay vieno, use state and using map func show it on view create another state, input to store input. Value. Step 6 -> In input tag, add an artteribute value = lights which sets the value of Input to whatevore the user has entered in the input. Courage an event on click, which will fire a func' and that func' will add the input to me today. (make we of

	O trans
	spread operator), b'coz we don't we to 1005e whotever we already have in the array.
	spridad aparation), bus we don't we
	to 10050 whatever we already have in
-	the array.
step8	> Next, we need a functionality that when we
	click Erder, our input should be added to the
	away. For that, we will but our input a
	button content in the form tag, and
	we uneed to tell that the buston is of
	type submit.
Step4 >	In the onclick handler i.e. add Todo funct, we
36143	need to prevent the default behaviour. For that
- XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	include exercised of submit to repeat
	need to prevent the default behaviour, for that include prevent for auth (). I submit to repeat,
1	The state of the s
S+ (P10 -	once you enter the ilp and hit enter or click on button, you want that your input field should
	button, you want that your input tield should
	clean up.
	for that you need to the soft the soft Input state
	to empty inside add Todo func.
- ihr	LOG HARAINE TARABITANS LATER THE BEAR OF THE PARTY OF THE
	Matorial UI
	(installing in our project)
-9	npm install material-vi/core => you can
	copy it from
C 700 us	the motor-vi-con
	THE COURSE COURSE IN THE PROPERTY OF THE PROPE
9	Paste in your terminal -
	Go to hinterial liver > latteride -> components >
) 1)	Go to moderial - vi: com > left side > components >  R. Ho
1	
1	A STATE OF CONTRACT STATE CONTRACTOR
1	- 4x2+ 4x4

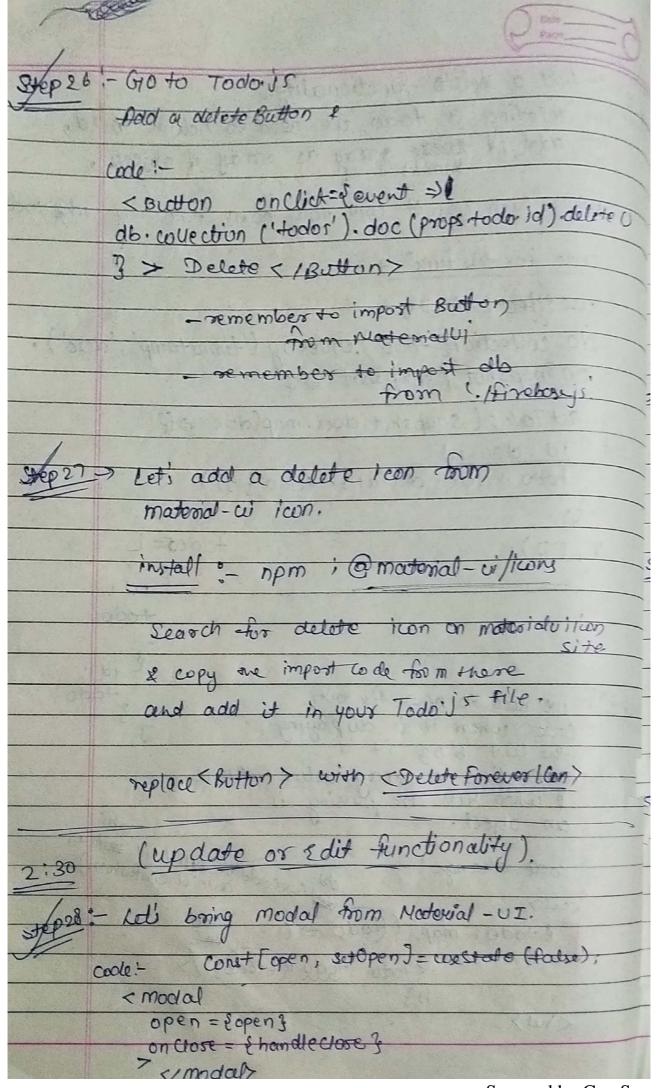
CASI+P - to search different files in V5 code. a copy primary button code from state (give it -> Put it at the place of our button & include of all of our code into #it. Try chit space at the clos curson at the by placing curson at the end of closing Button tag. (may the import as do end of closing Button tag. (may the import as do will come automatical otherwise, copy it from site & paste it at top. Stepin we need a functionalitity, might now when we simply and click Add Todo button withou entering any /p, it stores an empty & value in an array, we don't want that. For that include disabled = &!, input } Step 12 -> cets make our form look pretty. get a form control component snippet from material vi - and put it in your wide & do required changes. stept3 - Create a soperate do Todo compoment & take the CUY Part to this nawly created Todo component. value to text ottribute. And in the Todo Component, call it wing props. text.

Extensions to make coding easy: · prottier - makes code indentation eary. · bracket - colors the bracket. by taking make our list of todo more beautiful by taking material - ui list component Enippet. connecting to firebase = create a file firebase is \_ import firebase from Const frebaxApp = firebase initial zetpple - install fireboue: - npm i fireboue Copyall the dependence Const db = firebaue App: fire store(); const db export (db). -> Go to google chrome -> fineboxe -> (left side) Databone - elick on start in test mode -Next > click Done. -) Once loading is done. -> Create an entry in database: click on start collection a in collection 10 enter toda > in field enter todo > In collection enter "Take dog for a walk". -> click on save. step 17 , when the app loads, we need to listen to the database & fetch new todos as they get added/removed. create a use effect hook for this purpose which will athates everytime the apploads. when the apploads.

with a light of a significant willing step is: Now five water to aux doctibase when the first time our Appis loads, we will tell owe database that it shows to a change in the database. And should give that database, so that based on the updated value of the database we can update our todo wit. i.e. set Todos · code for this func ality > - use Effect ( cs =) & 11 this code here ... fires when APP 15 loads db. collection ('todos'). on Snapshot (snapshot =) & Set Todos (snapshot.docs, map (doc =) doc.data().todo) と、 [7); -> nemember to import db from '. /firebase is & also import use Effect. 3+0p19 Go to dotabase and try to do a manual todo endry & check if it gets updated in view. Let's Add todo to our database from 1/P => Gioto add Todo func" f add this code: db. collection ('todos'). add (2 2) todo : input

step 21: - you can observe that the plist is not in sorted in order, let gost it according to timestamp. goto add Todo func" e add this code db. collection ('todos') add (8 } todo: input; timestamp ! firebase. firestore, Fieldvalue, sexuer Timestorpe 3) for this Step 2? + Lets now sort it according to timestamp. > uneteffe of (1) =) & db.covection ('todos'). ordereby ('timestemp', 'desc'). on Sn Deployment Step 23:-Go to terminal -> - firebase init - wick y click on Hosting. -> pres spacebas use existing project todo app build lunat do you want to use as your public directory? > 4es inpm numbuild se firebase deploye commands they our entire off build a other other command with -> npm run build as fireboxe deploy. · your done with deployedment, your project will be opened in the browser.

94: - Add a delete functionality. for deleting a todo, we need to have an id, leti add id the make array as array of objects, where each object will now have two key id & todo code for this func" use Effect ( () => & do. covection ('todo'), order By ('timestamp', 'desc'). on Snapshot (snapshot =) & Set Todos ( Snapshot. docs, map (duc =) (2 id: doc.id todo : doc. data(). todo } ))) +0005=1 , (53); we need to now fix our todo: code where it is displaying the list b'was it is expecting a array value there e what we are passing is an object. obj rue could've said it to code change: & todos map (fodo =) ( todo + Etodos 17 < Todo 1)3 



	Coal Land
	Const handle Open = () => &
	SetOpen (true);
	G Edwin Administration of the Amount of the
	Const handle close = () > & SetOpen(false); 3;
Step 29	Add a button for the model functionality, we are going to add this button above delete icon that we added.
	The topopological section of the days
(AMB D)	<pre>chutton onclick = {e =&gt; setopen(true)} &gt; Edit </pre>
Step 30	teti add body of the model:
	< modal open = lopen? on close = se => set open (false)
	2div7
	<pre><hi>&gt; lam a modal </hi></pre>
	<pre><button <16="" =)="" onclick="fe" pre="" setopen(falk)="" utton7<="" }=""></button></pre>
	< Idiv > = Colored Anna
Step 31 3	Ceti make our modal look beautiful. Go to Material UI modal -> open in Codesandbox.
	Go to Material of model - open in codescrabox.
	copy usestyles code.
odd.	their -> const classes = useStyles ();
odel	this in Model -> intoliv Class Name - { classes . paper}
1	oteky Carrendal States and and
	The state of the s

Add a button in model body-> <Button onclick = Se => setOpen(false) } > Update Todo </Button7 step 33 & Adding / update Todo function ality 5 step 39 > Add an input to the modal body. rinput placeholder = i props. todo todo 3 value = linputs on change = vevent => sot/nput (event. target. value) ton't forget create a usestate called input. const [input, solnput] = use State( add Update Todo functionality: const UpdateTodo = () ab. collection ('todos'), doc (props. todoid). Set (& todo: input 3, & merge: true 3); set open (false); Go to the button inside model body , & make some changes CBatton oncock = & Update Todo ? 7 Update Todo C/Button?