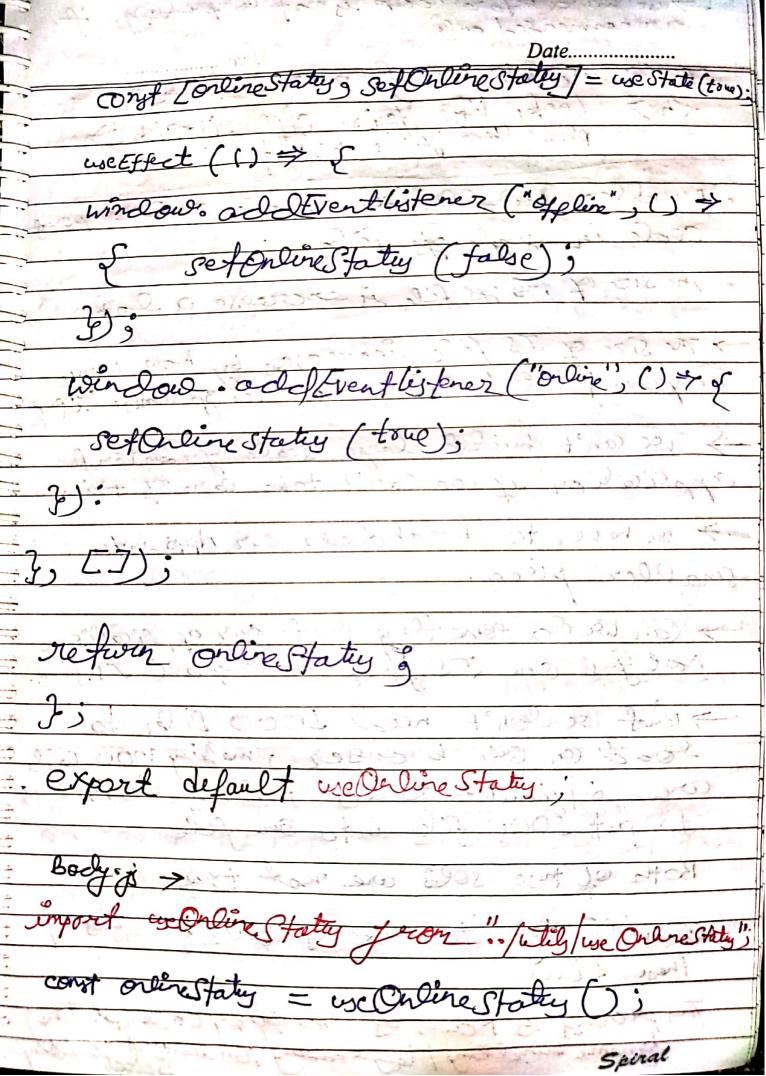
(lecture - 9) Optiming our App) Date

> Single Responsibility Principle > Acc. to this principle leach of the component should have a Single responsible lity ex - If we have component Restaurant Menu the only job of this component should have to be displaying our Restaurant Menu. 7 Modularity means that we breakdown our code Vinto different small modules so that our code become more maintainable and more testable. -> whenever we one testing the Restaurant Con o and all the test are pass in the code if we can catch the bug very casily and the bug that can be ought by just poting the Restaurant Car 2º If we have very big application where all the components are interlinked one invide the another then we will get a random by and we will have to check whole big component to see that where that buy is Distributing our code into emaller pieces and keeping it modular makes our code testable and mantainable Jet the feature of Reverbility, testable to maintainable. maintainable

(1991) Date Date we ar viente our own Cyton hooks. Hook are just kind of like utility function. We well just abstract / take out some extract it inside the hook, so that and hook and our component becomes more modular and more readable. > we well make a custom hook for fetching to date and po Responent Mene Component doesn't worry about how to feter the Date, if just have to worry about that we got the vier Info data enside the custom hook and wife want to display it now sit doesn't have to manage it's own state, it just how magically across to the one Info. 7 Single responsebility to display the data on UI. > we will create the hook inside will. Always oceate a Separate file for separate The well name the file exactly the same name -> uschestowant Mene.

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lose for grocery initially, only when we go to our grocery page then only that grocery code be there Daile our app . It is the process to breakdown our App into Smaller churky o By How to make smaller bundles ? when to make finaller burdles? what thould be there in trese bundles Air We want to do a Dogical separation of our bundles, the for a bundle should have enough code for a feature. Aso we an split our brandles enfo these logical chunky. Sogical churchy.

Ja separate component jon grocery

simport (React, Elezy) from "react" 5

import Grocery from " of components of Grocery) Const Gorocory = (azy () () => import (-- pat) 1+ is not some like upper unport on top of the page, we will emport it from lary purction. Const Gorgery = laxy () => inport (" - [component finary")

Because this grocery Cale took Cock was not ther Man for Enter Brisk is to well [10- Fire - 10] to offer grienis + our component is not available at the moment we just I put the superse and wrap the component around it. · Now we will give it a placeholder (fallback), what should reach reacher when the code is not available at bajically kind of Dike a Dooding scree Susperse fallback = L/4 Loading (141) Corocal John while will - 2250 from . (/ Susperye) Charling/ code splitting / Dynamic Bur Ding lazy loading on demany loading Lyramic emport > All the code doesn't come at once and it is come when it is signested so, Entiller on or man a test our hard the first constitute of the sea to the without

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