Day 42 Higher-order component (HOC) - It is an advanced pattern that emerges from React's compositional nature. - A higher-order component is a function that takes a component and returns a new component.

- It enhances or extends the capabilities of the compound provided const Enhanced Component = higher Order Component ; HOC example const with Subscription = (Wrapped Component, select Data)=> {

return (props) => {

const (data, set Data) = use State ([]) Use(ffect(() =) {

Const handle(hange = () =) {

Const new Data = select Data (Data Source,

Props):

set Data (new Data)

2 Data Source add (istener (handle Change) return () => {
DataSource. removelisterer (handleChange)
2. 3;
y ());
return cla) rapped Component data = {data} {...props}/

Camlin	Page
Date /	1

HOC usage eg const LiveSubscription = withSubscription(() => Data Source getlive () \$ 10 Render props The render props technique is so appropriately named that is almost self explanatory This about using a prop colled render with a particular attribute that it has to be a function. To be more precise a component with render prop takes a function that returns a reach element and calls that function inside its render logic