



Component \Rightarrow HOC fn \Rightarrow Component
+ something

HOC fn (Component) \Rightarrow newComponent

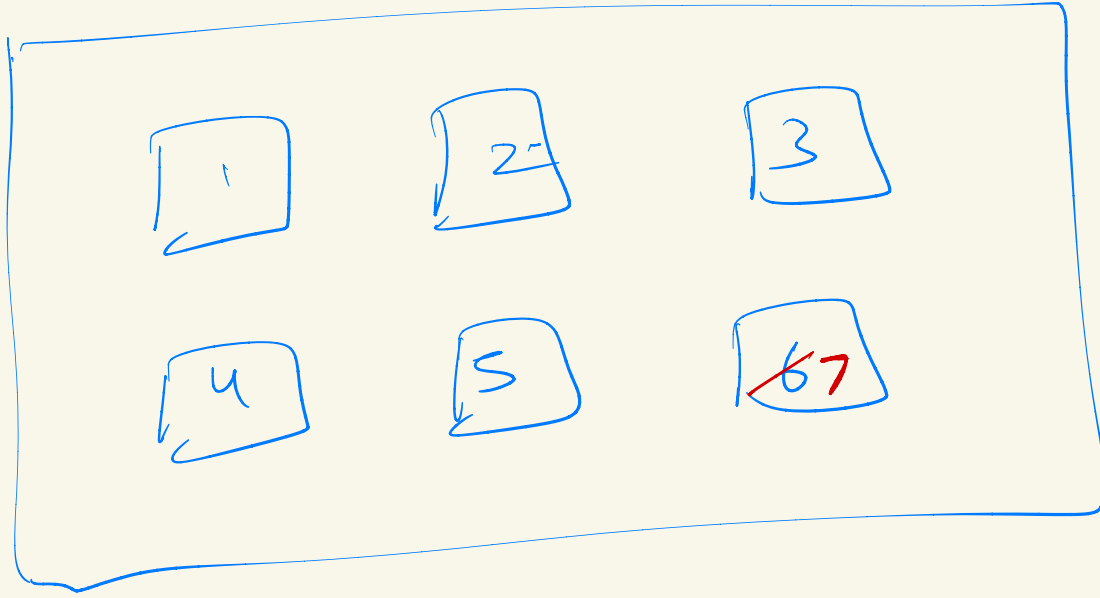
with Loading

```
const withLoading = (Component) => {  
  return function WithLoadinComponent({ isLoading, ...props }) {  
    if (isLoading) {  
      return <div>Loading....</div>;  
    } else {  
      <Component {...props} />;  
    }  
  };  
};
```

```
function WithLoadinComponent({ isLoading, ...props }) {  
  if (isLoading) {  
    return <div>Loading....</div>;  
  } else {  
    <Component {...props} />;  
  }  
}
```

→ usability of this
code across
app

→ HOC allows us to pass extra
props, it gives extra features
to my component. it increases
usability of components



in memt prev
& render the new comp

⇒ keys

⇒ diff

⇒ reconciliation