

## **Chapter 09- Optimizing our App**

### **Theory Assignment:**

- When and why do we need lazy()?
- What is suspense?
- Why we got this error : A component suspended while responding to synchronous input. This will cause the UI to be replaced with a loading indicator. To fix, updates that suspend should be wrapped with startTransition? How does suspense fix this error?
- Advantages and disadvantages of using this code splitting pattern?
- When do we and why do we need suspense?

### **Coding Assignment :**

- Create your custom hooks
- Try out lazy and suspense
- Make your code clean.

### **Resources:**

- <https://reactjs.org/docs/hooks-custom.html>
- <https://beta.reactjs.org/apis/react/lazy#suspense-for-code-splitting>