

useMemo

# useMemo Hook

What is useMemo?

👉 **useMemo hook is used to apply Memoization in React.**

What is Memoization?

👉 **Memoization is a technique for improving the performance of code.**

👉 **It is useful to avoid expensive calculations on every render when the returned value is not change.**

Return the value

```
const memoCalculation = useMemo(callback, [dependancy]);
```

Store in variable

Syntax is same as useEffect but the difference is in useEffect we cannot assign any variable to it

**\*\*in useMemo we can assign variable to it**

- We perform all side effects in useEffect hook.**
- All expensive functions ,calculation in useMemo hook.**