

**Performance:** memo, useCallback, useMemo – **only use if necessary, eg your app is running slow and you will a noticeable difference in load times**

- We will be talking about memo, useCallback, useMemo
- One important note to say is that you only should start using these tools if your app is lagging or having some performance issue
- Memo (higher order component)
- useCallback (hook)
- useMemo (hook)

# Performance Best Practices - memo(componentName)

- Memo Higher Order Component can be used to stop re-rendering child components after the parent has been updated.
- By default, all child components will render again if the parent has been updated

```
import { memo } from "react";

function ChildComponent() {
  return (
    <div className="App">
      Child Component
    </div>
  );
}

export default memo(ChildComponent);
```