



```
const cat = {name: 'Meow', age: 2}  
const cat2 = cat
```

```
cat !== cat2
```

```
// false
```

```
cat2.name = 'Meow meow'
```

```
cat !== cat2
```

```
// false
```

```
const cat3 = {name: 'Meow', age: 3}  
const cat4 = {name: 'Meow', age: 3}
```

```
cat3 !== cat4
```

```
// true
```



```
// Pure Component implementation
class MyPureComponent extends React.Component {

  shouldComponentUpdate(nextProps, nextState) {
    const propsChanged = shallowCompare(this.props, nextProps)
    const stateChanged = shallowCompare(this.state, nextState)

    const shouldUpdate = propsChanged && stateChanged

    return shouldUpdate
  }
}

...

class MyComponent extends MyPureComponent {
  ....
}
```