```
Se Stale - Sace Data in Stale
                 Import
        import { useState } from 'react';
        function App() {
          const [count, setCount] = useState(0)
          return (
            <button onClick={() => setCount(count + 1)}>
              {count}
            </button>
          );
                                 old way ( ( Bus based compused)
       Use Effect
                                componentDidMount() {
                                                            Scyl
· Second any is a
                                componentDidUpdate() {
                                                                    updol
 array of states
  if it's Stel Ilun
                                componentWillUnmount() {
                                                              E 201
 ils only rerun
 when a specific State
 changed
                                           array
                  RUN when count changes
                                           useEffect(() => {
   alert('hello side effect!')
                                                                 RUN
                                                              before component
                                                              is removed from UI
```

```
Use conkxl
```

```
function App(props) {
   happy: '⇔',
sad: '† '
                                                       <MoodContext.Provider value={moods.happy}>
                                                          <MoodEmoji />
                                                       </MoodContext.Provider>
     const mood = useContext(MoodContext); consume value from
                                   nearest parent provider
                       mutable value
                       does NOT re-render UI
Use Reducer
                                                                  Init a Socont argument
function reducer(state, action) {
  case 'increment':
  case 'decrement':
```



