ACTIVITY – USEREDUCER

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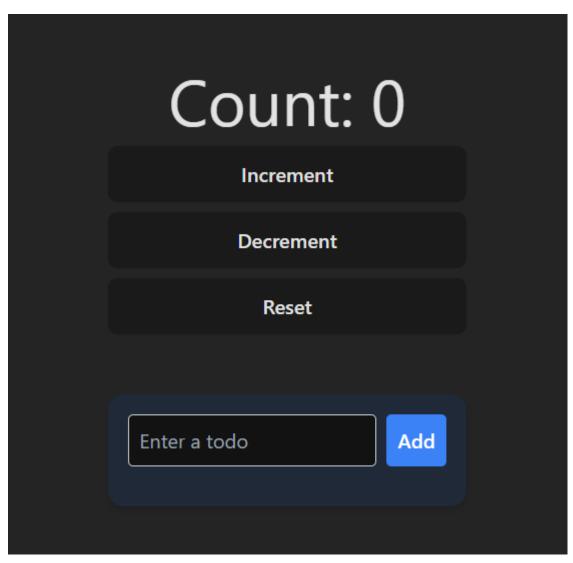
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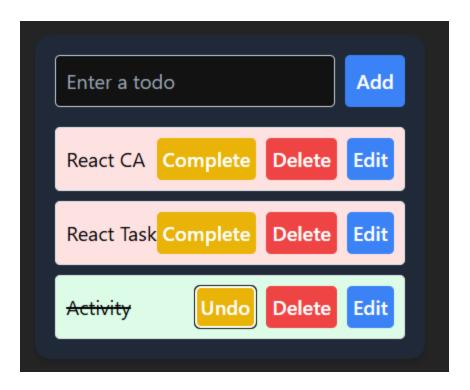
Section: KM006

TODO using UseReducer

```
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                                        INT252-WebApp-Development-With-ReactJS - Todo.jsx
   import { useReducer } from 'react'
    export default function Todo() {
       const initialState = {
            todos: [],
            todo: ''
       function reducer(state, action) {
            switch (action.type) {
                case 'SET_TODO':
                   return { ... state, todo: action.payload };
                case 'ADD_TODO':
                return { ... state, todos: [ ... state.todos, { text: state.todo, completed: false }], todo: '' };
case 'TOGGLE_TODO':
                         ... state,
                         todos: state.todos.map((todo, index) ⇒
                            index 	≡ action.payload ? { ...todo, completed: !todo.completed } : todo
                         ... state,
                         todos: state.todos.filter((_, index) \Rightarrow index \equiv action.payload)
                         ... state,
                         todos: state.todos.map((todo, index) \Rightarrow
                            index == action.payload.index ? { ...todo, text: action.payload.text } : todo
                    return state;
```

Output:





COMPLETED