A1) Redux is an open source javscript library which can centralize and manage the app. It is mostly used in React-JS

A2) Redux Thunk allow Redux to smoothly manage asynchronous task of checking stock

A3) Pure component is class component that optimize performance which can prevent unnecessary re-render. The Pure-component over component when

=>Improve optimal performance

=>shallow comparison suffices

A4) The second argument in Setstate is callback function. Its purpose is to execute certain code after the update