

NextJS
 ↳ Cypress
 ↳ end-to-end framework
 ↳ Product Data
 ↳ state → search string ("")
 ↳ use Effect
 ↳ Filtering Products (array of object)
 ↳ display the data
 ↳ search string (autocomplete)

ReactJS

- ↳ what, why, React DOM.
- ↳ Virtual DOM, JSX
- ↳ component, state, props
- ↳ React Hooks
 - ↳ useState, useEffect, useContext, useReducer.
- ↳ lifecycle components methods.
- ↳ React Hooking
 - ↳ React Router DOM, Routes
 - ↳ SPA
- ↳ Optimization
 - ↳ use Memo, use Callback

- ↳ CSS R
- ↳ API Integration
- ↳ Styling.

Redux

- ↳ State Management
- ↳ action reducers
- ↳ Store
- ↳ middleware.

Redux Toolkit

NextJS

- ↳ Routing
- ↳ SSR
- ↳ Styling
- ↳ getServerSideProps
- ↳ getStaticProps
- ↳ static regeneration.
- ↳ Optimization
 - ↳ connect DB, maintain session on login & logout.

Tailwindcss

- ① create 2 webpage
 - ↳ Header
 - ↳ footer

- ↳ section (3 card) [3 → 2]
- ↳ section (4 card) [4 → 2 → 2]
- ↳ section (6 card) [6 → 3 → 2]
- ↳ Add login form
- ↳ Add Banner (carousel)
- ↳ Accordion