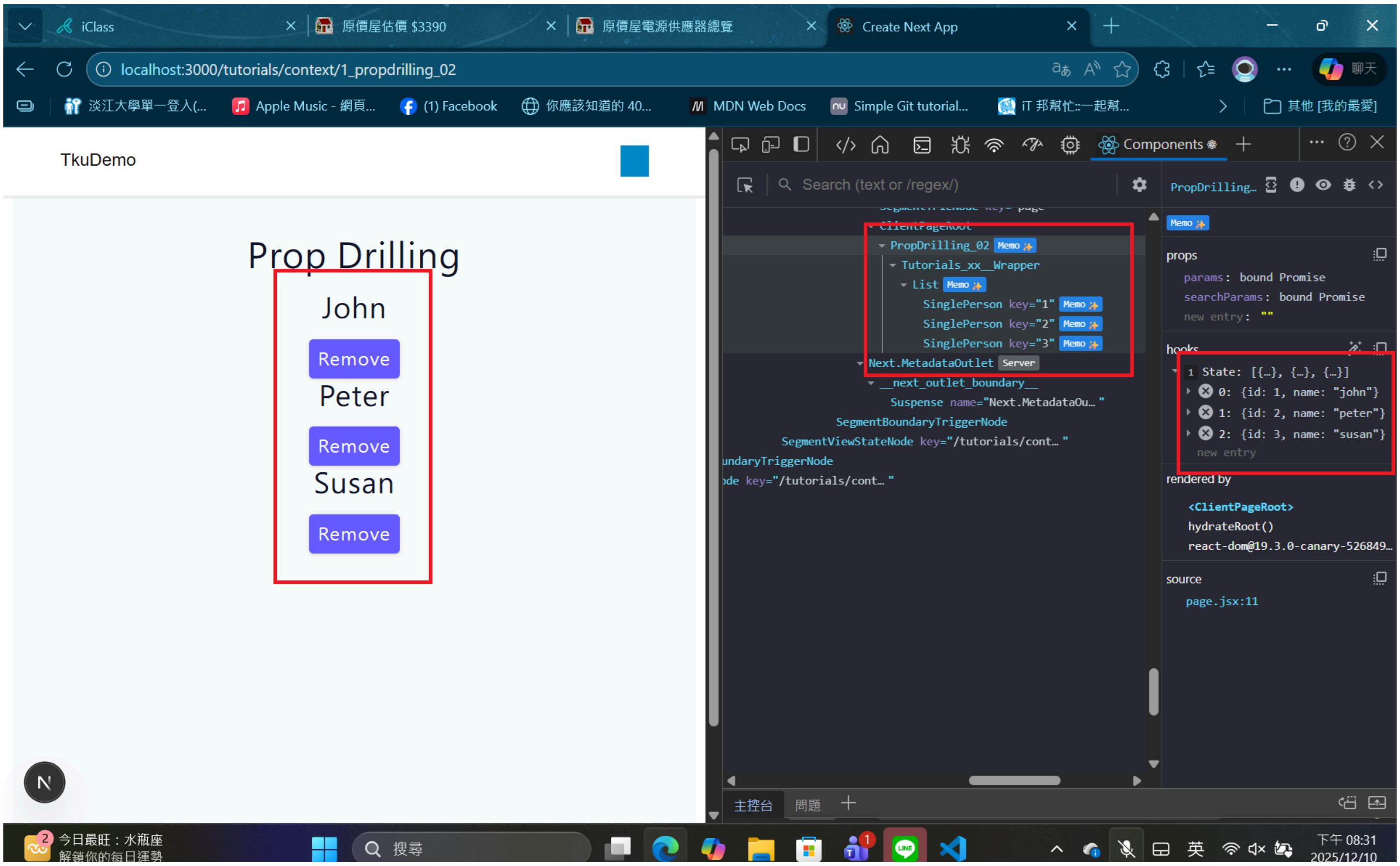
Github URL
Github URL for Vercel
Vercel URL

Video: W13-P1: Demo prop drilling

=> Chrome, remove 4th person



TkuDemo

Prop Drilling

John

Remove

Peter

Remove

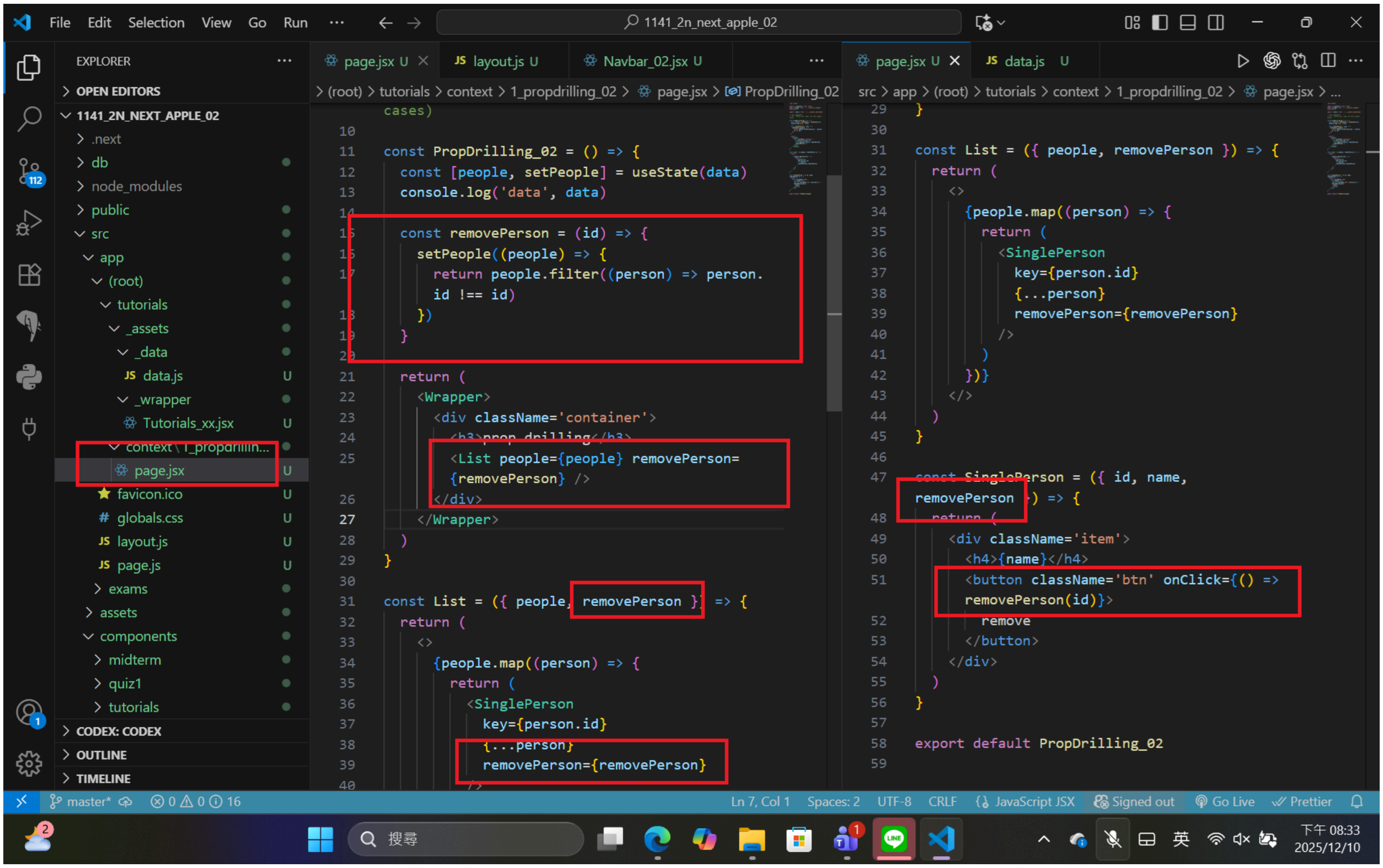
Susan

Remove

```
▾ ClientPageRoot
  ▾ PropDrilling_02 Memo
    ▾ Tutorials_xx__Wrapper
      ▾ List Memo
          SinglePerson key="1" Memo
          SinglePerson key="2" Memo
          SinglePerson key="3" Memo
▾ Next.MetadataOutlet Server
  ▾ __next_outlet_boundary__
      Suspense name="Next.MetadataOu… "
    SegmentBoundaryTriggerNode
  SegmentViewStateNode key="/tutorials/cont… "
undaryTriggerNode
ode key="/tutorials/cont… "
```

```
PropDrilling…
Memo

props
  params: bound Promise
  searchParams: bound Promise
  new entry: ""

hooks
▾ 1 State: [{…}, {…}, {…}]
  ▸ ⊗ 0: {id: 1, name: "john"}
  ▸ ⊗ 1: {id: 2, name: "peter"}
  ▸ ⊗ 2: {id: 3, name: "susan"}
    new entry

rendered by
  <ClientPageRoot>
  hydrateRoot()
  react-dom@19.3.0-canary-526849…

source
  page.jsx:11
```

=> relevant code

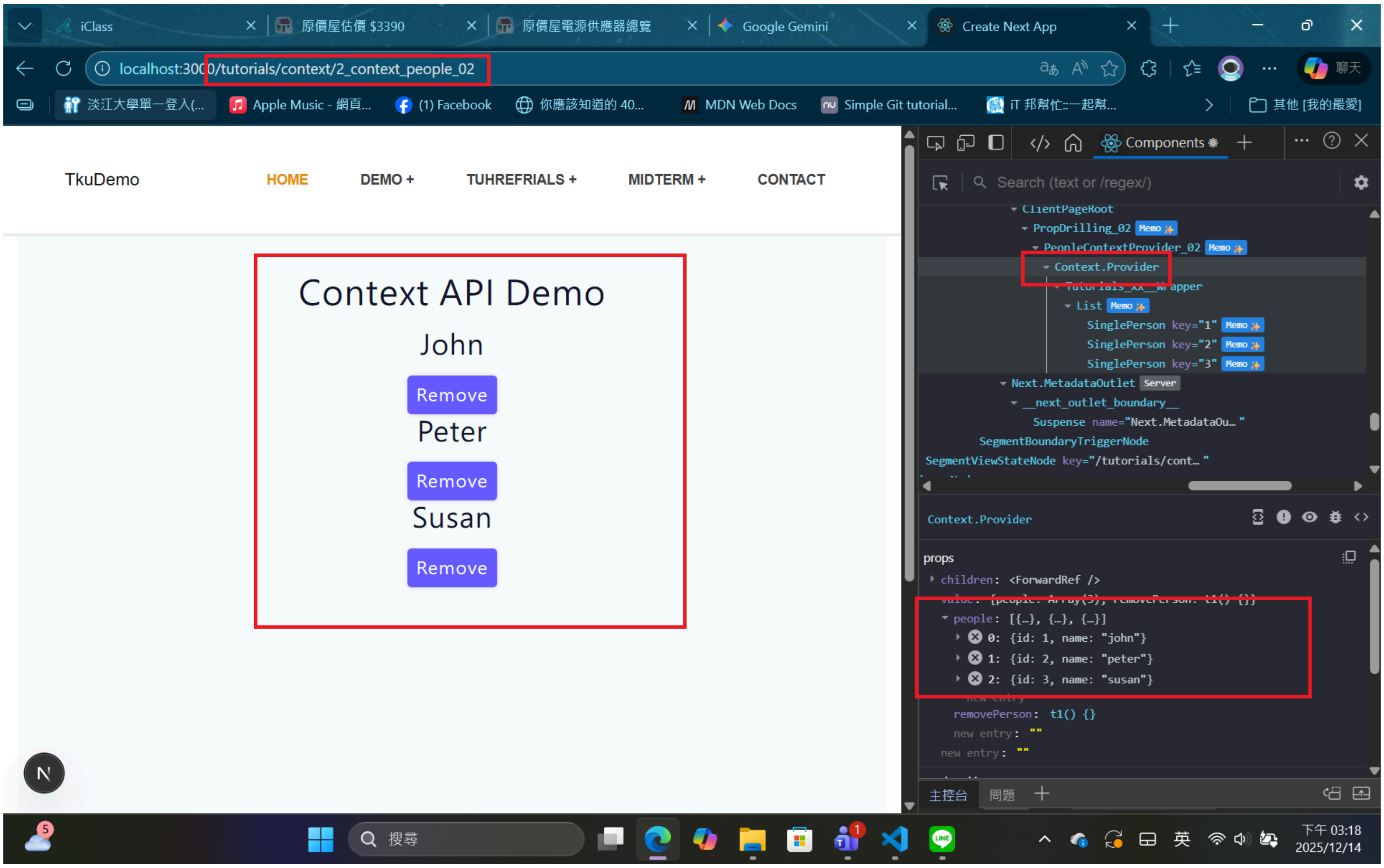


```
  cases)

const PropDrilling_02 = () => {
  const [people, setPeople] = useState(data)
  console.log('data', data)

  const removePerson = (id) => {
    setPeople((people) => {
      return people.filter((person) => person.
      id !== id)
    })
  }

  return (
    <Wrapper>
      <div className='container'>
        <h3>prop drilling</h3>
        <List people={people} removePerson=
        {removePerson} />
      </div>
    </Wrapper>
  )
}

const List = ({ people, removePerson }) => {
  return (
    <>
      {people.map((person) => {
        return (
          <SinglePerson
            key={person.id}
            {...person}
            removePerson={removePerson}
            />
```

```
}

const List = ({ people, removePerson }) => {
  return (
    <>
      {people.map((person) => {
        return (
          <SinglePerson
            key={person.id}
            {...person}
            removePerson={removePerson}
          />
        )
      })}
    </>
  )
}

const SinglePerson = ({ id, name,
removePerson }) => {
  return (
    <div className='item'>
      <h4>{name}</h4>
      <button className='btn' onClick={() =>
      removePerson(id)}>
        remove
      </button>
    </div>
  )
}

export default PropDrilling_02
```

Video: W13-P2: Context API demo for W13-P1

=> Chrome, show PeopleContext.Provider by remove last person



Context API Demo

John

Remove

Peter

Remove

Susan

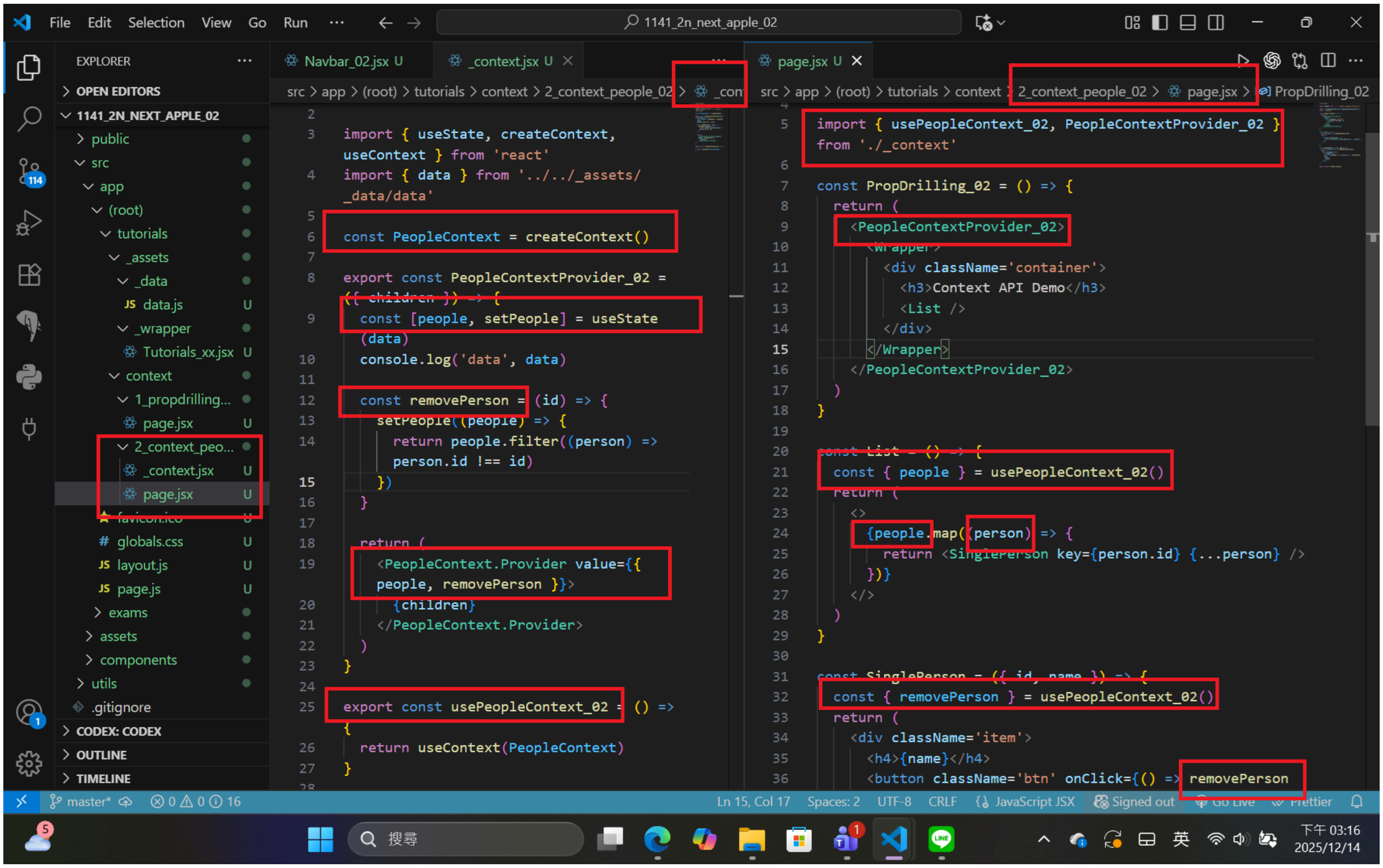
Remove

```
ClientPageRoot
  PropDrilling_02 Memo
    PeopleContextProvider_02 Memo
      Context.Provider
        Tutorials_xx__Wrapper
          List Memo
            SinglePerson key="1" Memo
            SinglePerson key="2" Memo
            SinglePerson key="3" Memo
Next.MetadataOutlet Server
  __next_outlet_boundary__
    Suspense name="Next.MetadataOu… "
SegmentBoundaryTriggerNode
SegmentViewStateNode key="/tutorials/cont… "
```

Context.Provider

```
props
▸ children: <ForwardRef />
  value: {people: Array(3), removePerson: t1() {}}
  ▾ people: [{…}, {…}, {…}]
    ▸ ⊗ 0: {id: 1, name: "john"}
    ▸ ⊗ 1: {id: 2, name: "peter"}
    ▸ ⊗ 2: {id: 3, name: "susan"}
      new entry
    removePerson: t1() {}
    new entry: ""
  new entry: ""
```

=> relevant code

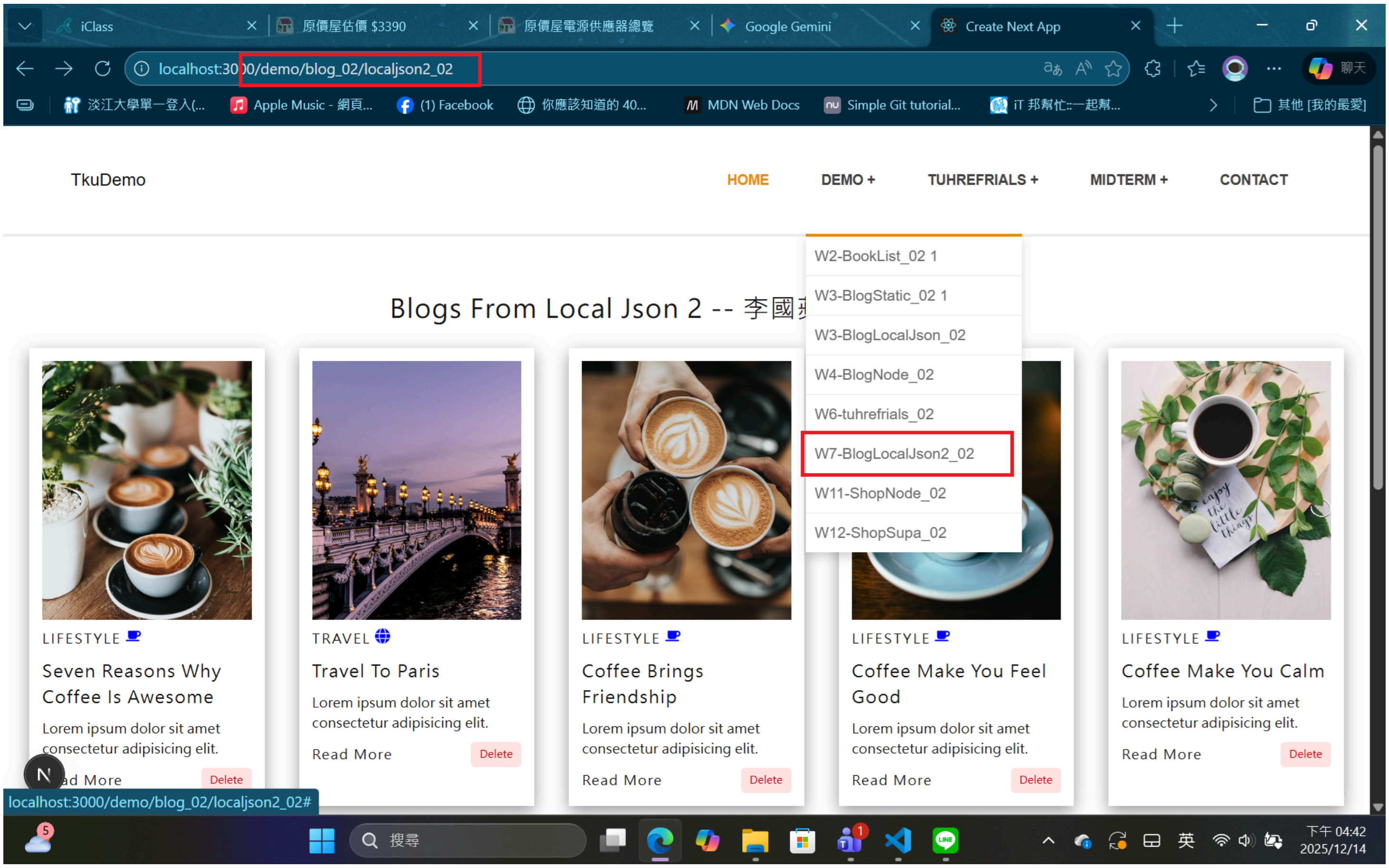


```jsx
import { useState, createContext, useContext } from 'react'
import { data } from '../../_assets/_data/data'

const PeopleContext = createContext()

export const PeopleContextProvider_02 = ({ children }) => {
  const [people, setPeople] = useState(data)
  console.log('data', data)

  const removePerson = (id) => {
    setPeople((people) => {
      return people.filter((person) => person.id !== id)
    })
  }

  return (
    <PeopleContext.Provider value={{ people, removePerson }}>
      {children}
    </PeopleContext.Provider>
  )
}

export const usePeopleContext_02 = () => {
  return useContext(PeopleContext)
}
```

```jsx
import { usePeopleContext_02, PeopleContextProvider_02 } from './_context'

const PropDrilling_02 = () => {
  return (
    <PeopleContextProvider_02>
      <Wrapper>
        <div className='container'>
          <h3>Context API Demo</h3>
          <List />
        </div>
      </Wrapper>
    </PeopleContextProvider_02>
  )
}

const List = () => {
  const { people } = usePeopleContext_02()
  return (
    <>
      {people.map((person) => {
        return <SinglePerson key={person.id} {...person} />
      })}
    </>
  )
}

const SinglePerson = ({ id, name }) => {
  const { removePerson } = usePeopleContext_02()
  return (
    <div className='item'>
      <h4>{name}</h4>
      <button className='btn' onClick={() => removePerson
```

Video: W13-P3: Move W7 BlogJson2 page to the route /demo/blog_xx/localjson2_xx

=> Chrome, show the result



localhost:3000/demo/blog_02/localjson2_02

TkuDemo

HOME DEMO + TUHREFRIALS + MIDTERM + CONTACT

- W2-BookList_02 1
- W3-BlogStatic_02 1
- W3-BlogLocalJson_02
- W4-BlogNode_02
- W6-tuhrefrials_02
- W7-BlogLocalJson2_02
- W11-ShopNode_02
- W12-ShopSupa_02

Blogs From Local Json 2 -- 李國

LIFESTYLE

Seven Reasons Why Coffee Is Awesome

Lorem ipsum dolor sit amet consectetur adipisicing elit.

ad More Delete

TRAVEL

Travel To Paris

Lorem ipsum dolor sit amet consectetur adipisicing elit.

Read More Delete

LIFESTYLE

Coffee Brings Friendship

Lorem ipsum dolor sit amet consectetur adipisicing elit.

Read More Delete

LIFESTYLE

Coffee Make You Feel Good

Lorem ipsum dolor sit amet consectetur adipisicing elit.

Read More Delete

LIFESTYLE

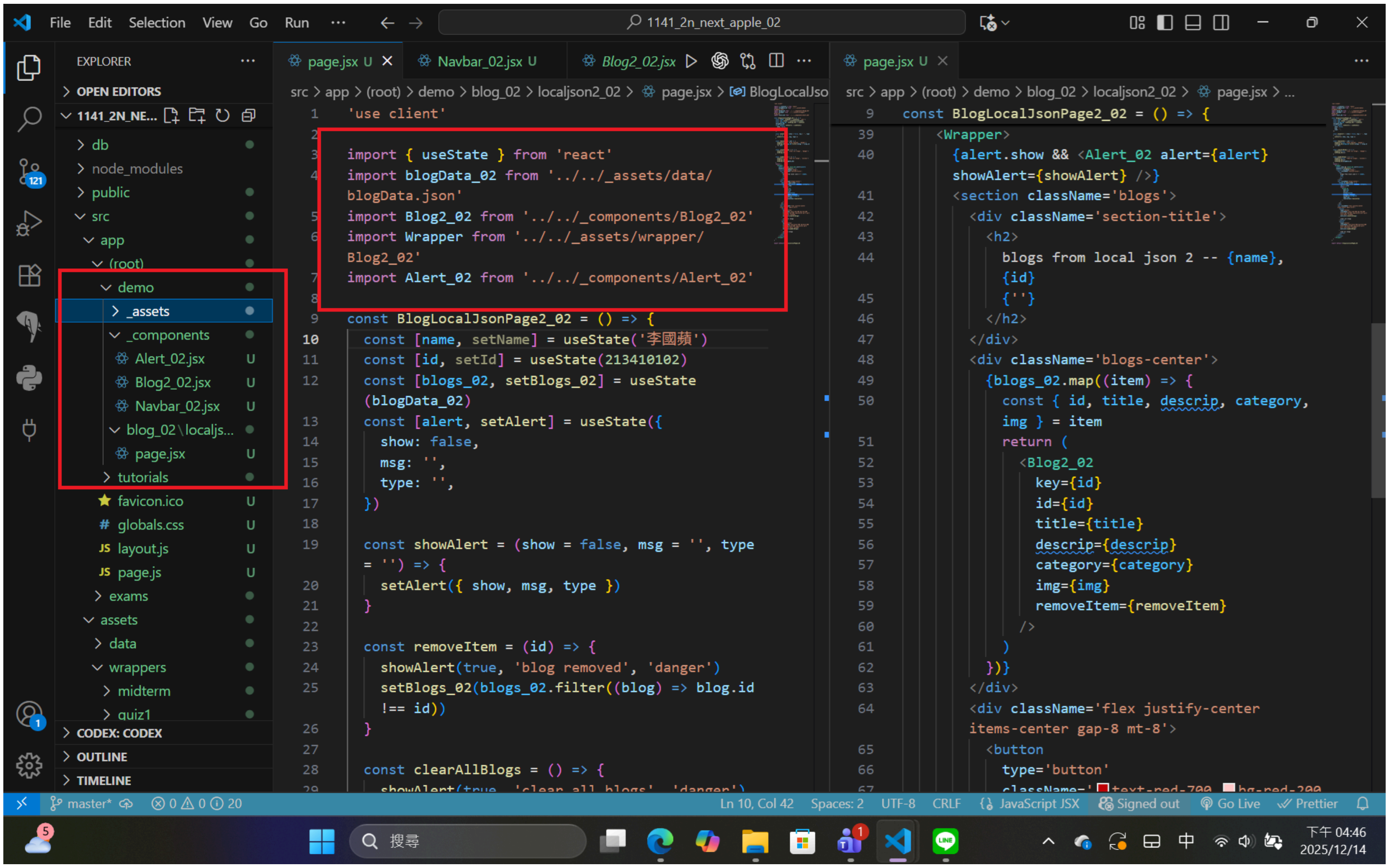
Coffee Make You Calm

Lorem ipsum dolor sit amet consectetur adipisicing elit.

Read More Delete

localhost:3000/demo/blog_02/localjson2_02#

=> relevant code



```
> db
> node_modules
> public
v src
  v app
    v (root)
      v demo
        > _assets
        v _components
          Alert_02.jsx        U
          Blog2_02.jsx        U
          Navbar_02.jsx       U
        v blog_02\localjs...
          page.jsx            U
        > tutorials
      favicon.ico             U
      globals.css             U
      layout.js               U
      page.js                 U
    > exams
  v assets
    > data
    v wrappers
      > midterm
      > quiz1
```

src > app > (root) > demo > blog_02 > localjson2_02 > page.jsx > BlogLocalJso

```jsx
'use client'

import { useState } from 'react'
import blogData_02 from '../../_assets/data/blogData.json'
import Blog2_02 from '../../_components/Blog2_02'
import Wrapper from '../../_assets/wrapper/Blog2_02'
import Alert_02 from '../../_components/Alert_02'

const BlogLocalJsonPage2_02 = () => {
  const [name, setName] = useState('李國蘋')
  const [id, setId] = useState(213410102)
  const [blogs_02, setBlogs_02] = useState(blogData_02)
  const [alert, setAlert] = useState({
    show: false,
    msg: '',
    type: '',
  })

  const showAlert = (show = false, msg = '', type = '') => {
    setAlert({ show, msg, type })
  }

  const removeItem = (id) => {
    showAlert(true, 'blog removed', 'danger')
    setBlogs_02(blogs_02.filter((blog) => blog.id !== id))
  }

  const clearAllBlogs = () => {
    showAlert(true, 'clear all blogs', 'danger')
```

src > app > (root) > demo > blog_02 > localjson2_02 > page.jsx > ...

```jsx
const BlogLocalJsonPage2_02 = () => {
    <Wrapper>
      {alert.show && <Alert_02 alert={alert} showAlert={showAlert} />}
      <section className='blogs'>
        <div className='section-title'>
          <h2>
            blogs from local json 2 -- {name}, {id}
            {''}
          </h2>
        </div>
        <div className='blogs-center'>
          {blogs_02.map((item) => {
            const { id, title, descrip, category, img } = item
            return (
              <Blog2_02
                key={id}
                id={id}
                title={title}
                descrip={descrip}
                category={category}
                img={img}
                removeItem={removeItem}
              />
            )
          })}
        </div>
        <div className='flex justify-center items-center gap-8 mt-8'>
          <button
            type='button'
            className='text-red-700 bg-red-200
```

e15f4de apple550678 2025-12-14 16:48:37 +0800 Video: W13-P3: Move W7 BlogJson2 page tc