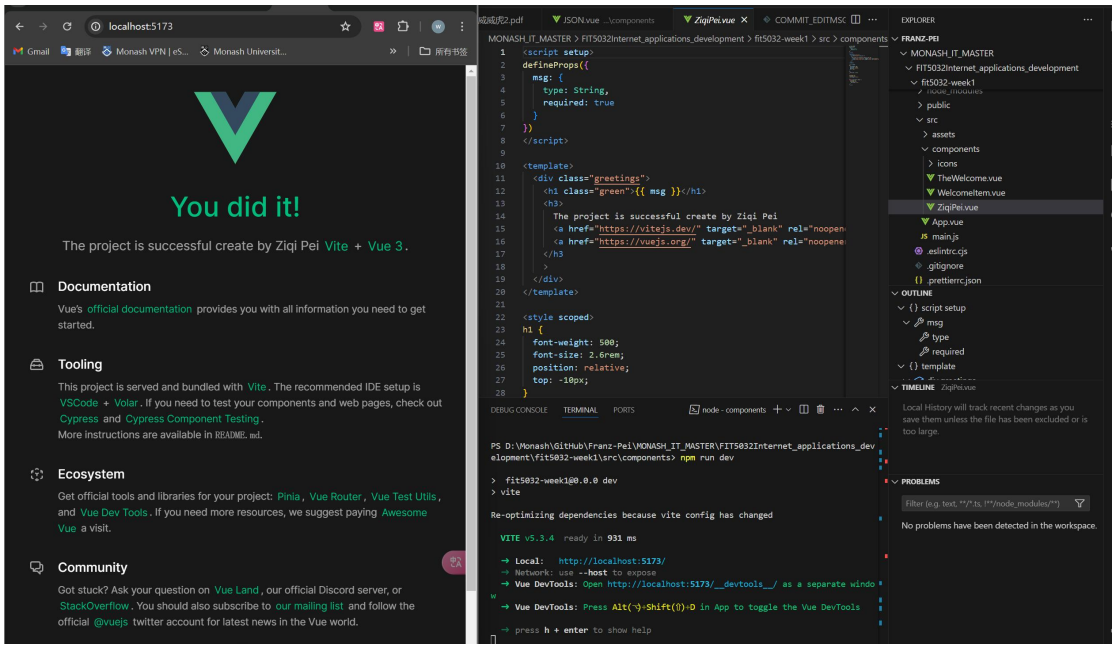
EFOLIO Week1 & 2
Student Name: Ziqi Pei
Student ID:33429472
Lab Class:Tuesday 10-12am

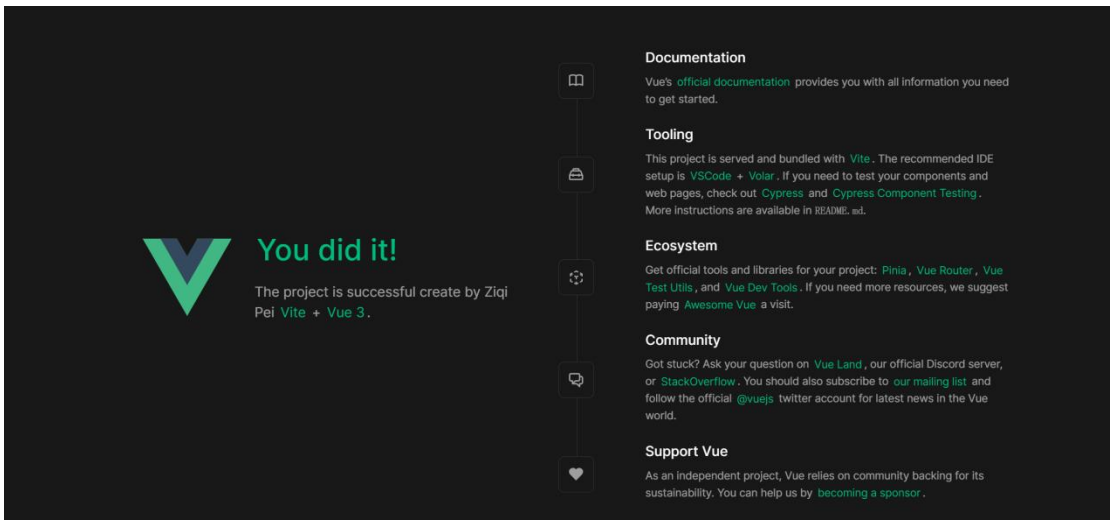
EFOLIO TASK 1.1

Screenshot1

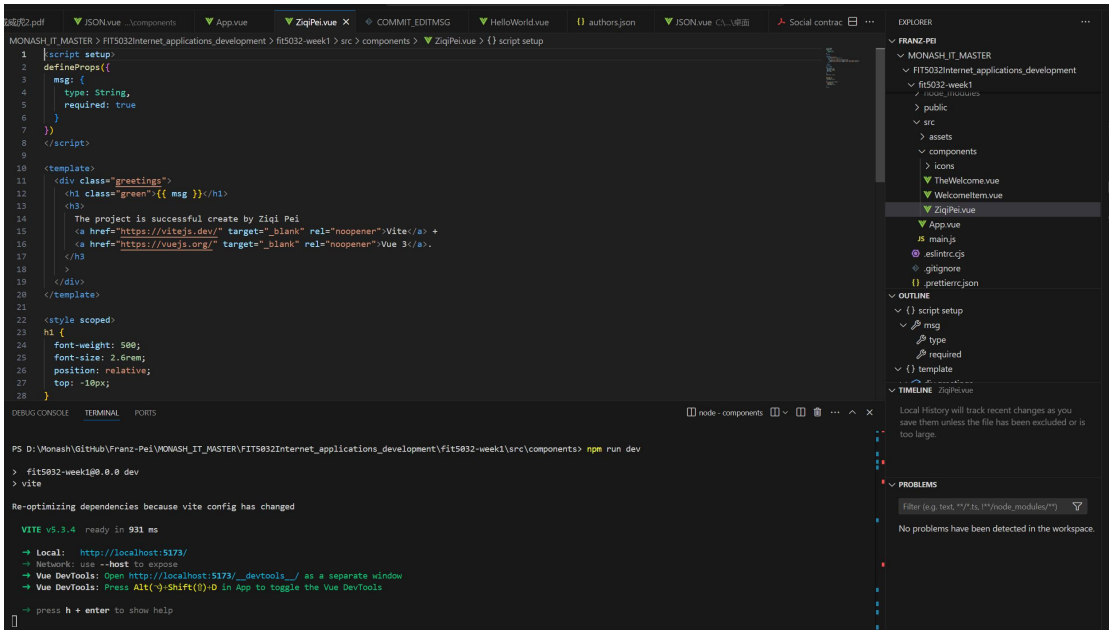


EFOLIO TASK 1.2

1Modify the basic VueJS app to include a new component called MyName.vue which shows *your name* on the welcome page.



Screenshot MyName.vue



Create (if you don't already have one) a GitHub account

My github account url:

https://github.com/Franz-Pei/Franz/tree/main/MONASH_IT_MASTER

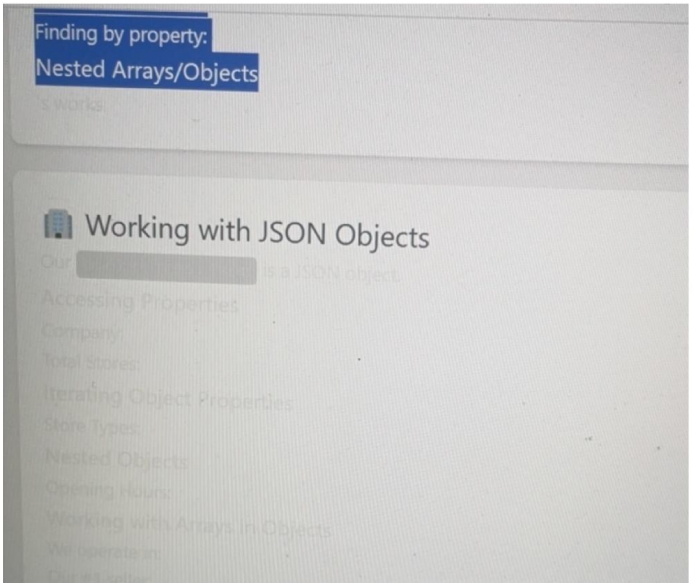
Peer-engagement Join in ED Discussion

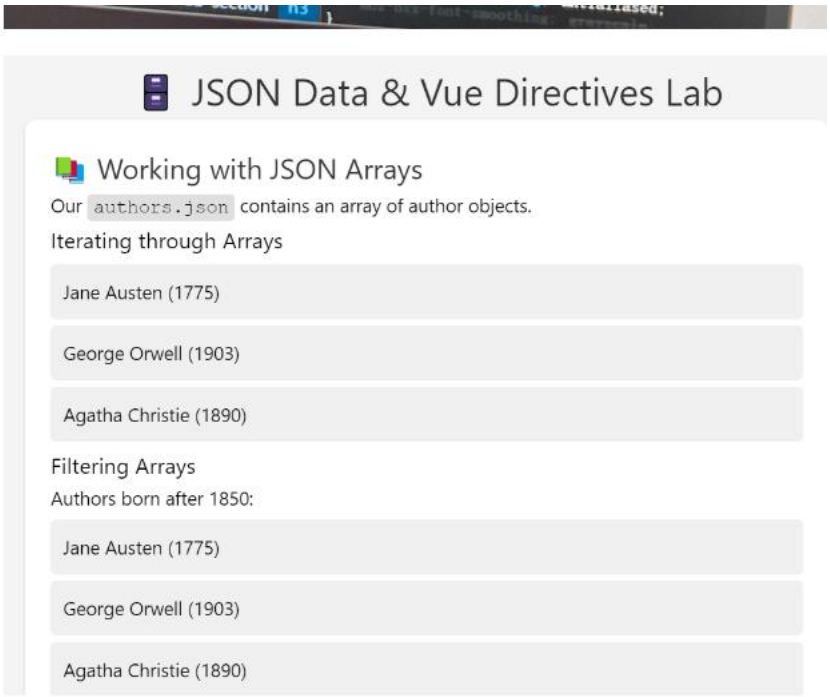
Solution to the gray color problem in Vue #78

Ziqi Pei
Yesterday in Labs

UNSTAR WATCHING 184 VIEWS

1





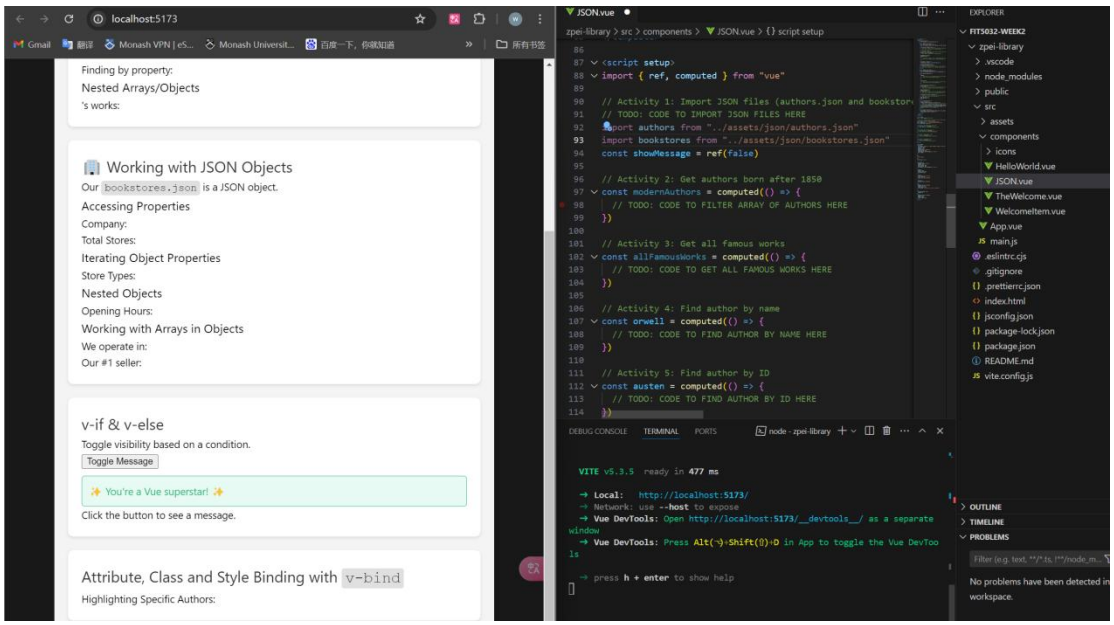

```
.lab-section {
  background-color: white;
  padding: 20px;
  margin-bottom: 20px;
  border-radius: 8px;
  box-shadow: 0 2px 4px rgba
  color: #000;
}
```

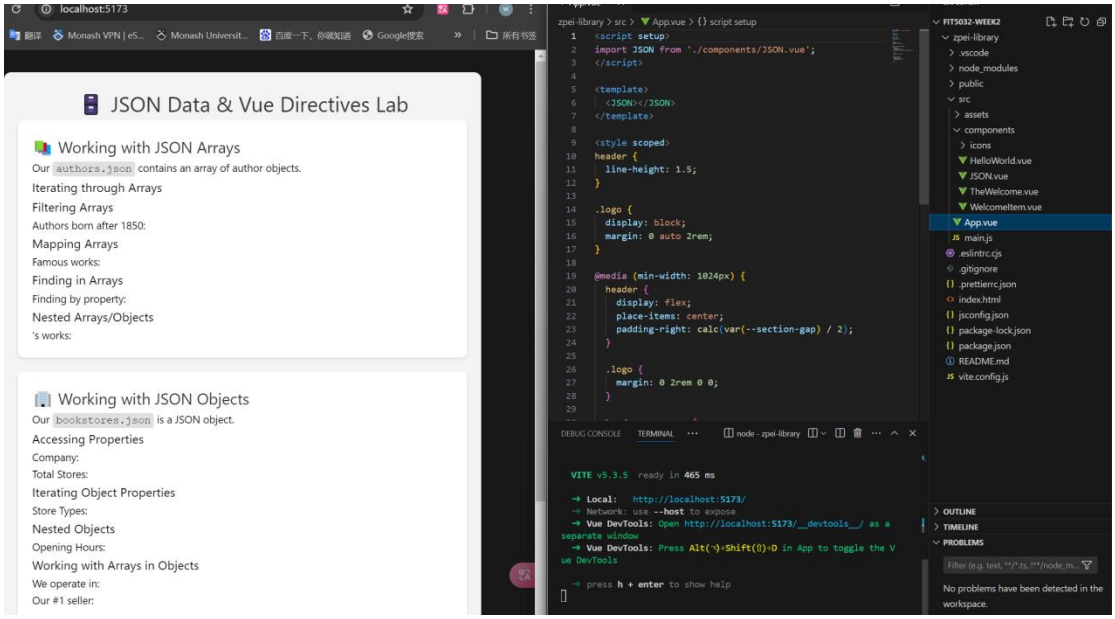
Hello everyone, I encountered the problem that the Vue window was always gray in the lab today. The tutor told me to change it ar maybe it could be solved. Later I found that my computer didn't seem to work. I checked it later and found that the color could be modified by checking and setting #000. This problem seemed to b solved, so I added this code to the style part, which solved it perfectly. I hope it will be helpful to you.

Comment Edit Delete •••

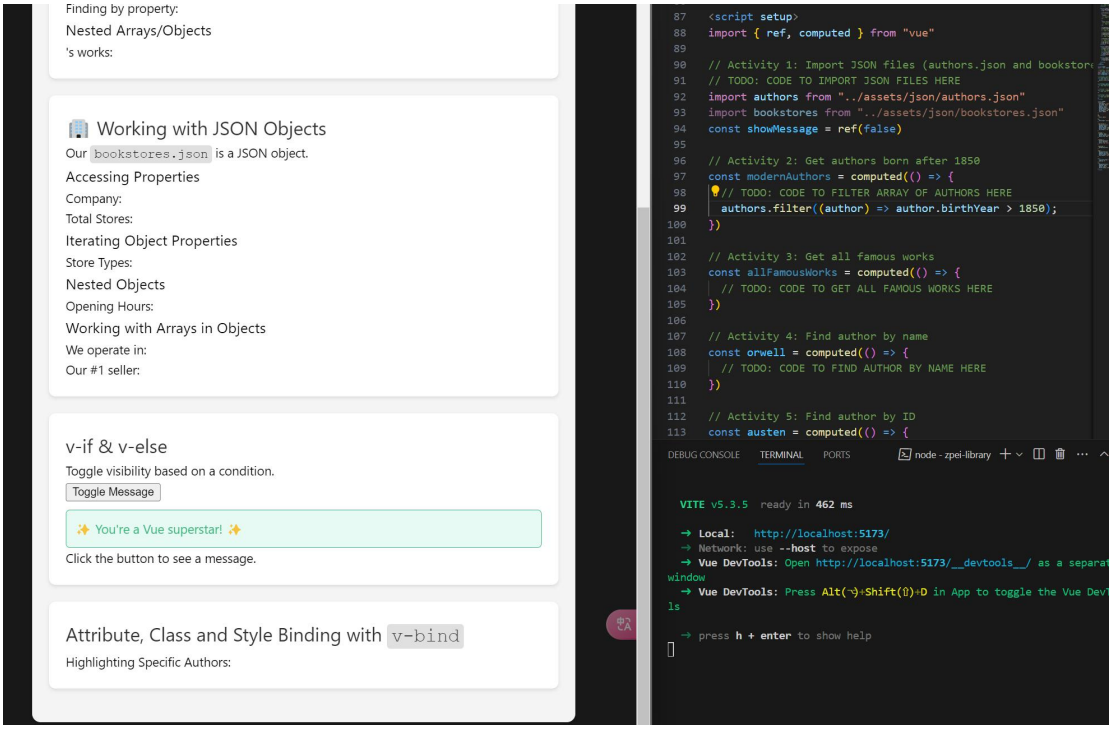
EFOLIO TASK 2.1

Activity 1

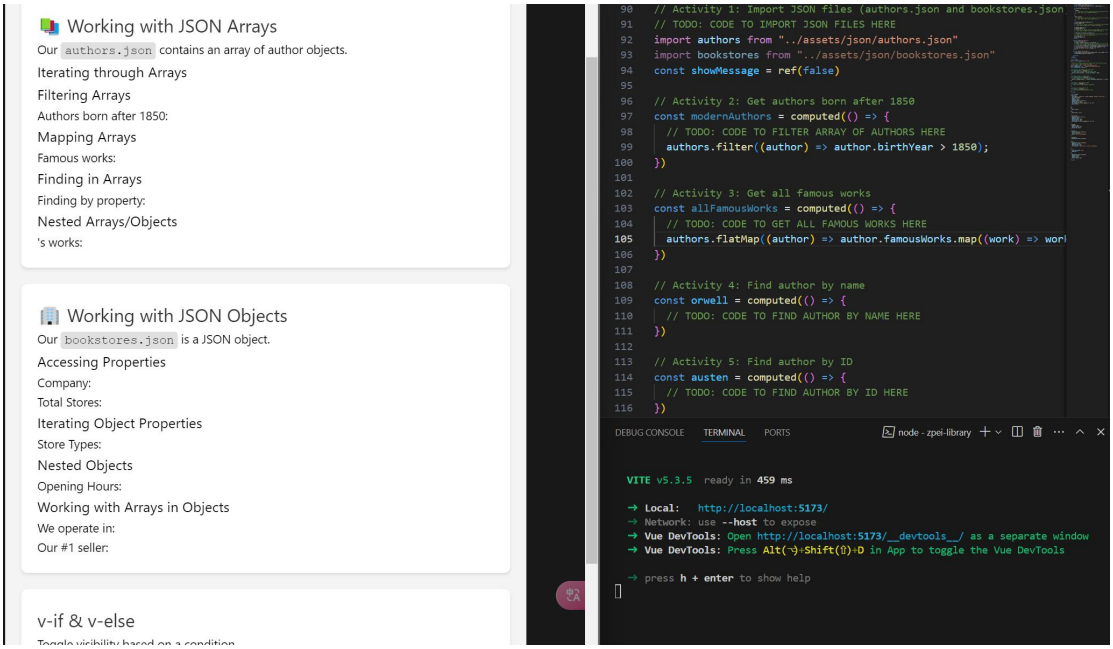

localhost:5173
Finding by property:
Nested Arrays/Objects
's works:
Working with JSON Objects
Our bookstores.json is a JSON object.
Accessing Properties
Company:
Total Stores:
Iterating Object Properties
Store Types:
Nested Objects
Opening Hours:
Working with Arrays in Objects
We operate in:
Our #1 seller:
v-if & v-else
Toggle visibility based on a condition.
Toggle Message
✨ You're a Vue superstar! ✨
Click the button to see a message.
Attribute, Class and Style Binding with v-bind
Highlighting Specific Authors:
JSON.vue
zpei-library > src > components > JSON.vue > {} script setup
// Activity 1: Import JSON files (authors.json and bookstore
// TODO: CODE TO IMPORT JSON FILES HERE
import authors from "../assets/json/authors.json"
import bookstores from "../assets/json/bookstores.json"
const showMessage = ref(false)
// Activity 2: Get authors born after 1850
const modernAuthors = computed(() => {
// TODO: CODE TO FILTER ARRAY OF AUTHORS HERE
})
// Activity 3: Get all famous works
const allFamousWorks = computed(() => {
// TODO: CODE TO GET ALL FAMOUS WORKS HERE
})
// Activity 4: Find author by name
const orwell = computed(() => {
// TODO: CODE TO FIND AUTHOR BY NAME HERE
})
// Activity 5: Find author by ID
const austen = computed(() => {
// TODO: CODE TO FIND AUTHOR BY ID HERE
})
DEBUG CONSOLE TERMINAL PORTS
node - zpei-library
VITE v5.3.5 ready in 477 ms
➜ Local: http://localhost:5173/
➜ Network: use --host to expose
➜ Vue DevTools: Open http://localhost:5173/__devtools__/ as a separate window
➜ Vue DevTools: Press Alt(⌥)+Shift(⇧)+D in App to toggle the Vue DevTools
➜ press h + enter to show help
EXPLORER
FIT5032-WEEK2
zpei-library
.vscode
node_modules
public
src
assets
components
icons
HelloWorld.vue
JSON.vue
TheWelcome.vue
WelcomeItem.vue
App.vue
main.js
.eslintrc.cjs
.gitignore
.prettierrc.json
index.html
jsconfig.json
package-lock.json
package.json
README.md
vite.config.js
OUTLINE
TIMELINE
PROBLEMS
No problems have been detected in workspace.


localhost:5173
JSON Data & Vue Directives Lab
Working with JSON Arrays
Our authors.json contains an array of author objects.
Iterating through Arrays
Filtering Arrays
Authors born after 1850:
Mapping Arrays
Famous works:
Finding in Arrays
Finding by property:
Nested Arrays/Objects
's works:
Working with JSON Objects
Our bookstores.json is a JSON object.
Accessing Properties
Company:
Total Stores:
Iterating Object Properties
Store Types:
Nested Objects
Opening Hours:
Working with Arrays in Objects
We operate in:
Our #1 seller:
zpei-library > src > App.vue > {} script setup
<script setup>
import JSON from './components/JSON.vue';
</script>
<template>
<JSON></JSON>
</template>
<style scoped>
header {
line-height: 1.5;
}
.logo {
display: block;
margin: 0 auto 2rem;
}
@media (min-width: 1024px) {
header {
display: flex;
place-items: center;
padding-right: calc(var(--section-gap) / 2);
}
.logo {
margin: 0 2rem 0 0;
}
DEBUG CONSOLE TERMINAL
node - zpei-library
VITE v5.3.5 ready in 465 ms
➜ Local: http://localhost:5173/
➜ Network: use --host to expose
➜ Vue DevTools: Open http://localhost:5173/__devtools__/ as a separate window
➜ Vue DevTools: Press Alt(⌥)+Shift(⇧)+D in App to toggle the Vue DevTools
➜ press h + enter to show help
FIT5032-WEEK2
zpei-library
.vscode
node_modules
public
src
assets
components
icons
HelloWorld.vue
JSON.vue
TheWelcome.vue
WelcomeItem.vue
App.vue
main.js
.eslintrc.cjs
.gitignore
.prettierrc.json
index.html
jsconfig.json
package-lock.json
package.json
README.md
vite.config.js
OUTLINE
TIMELINE
PROBLEMS
No problems have been detected in the workspace.

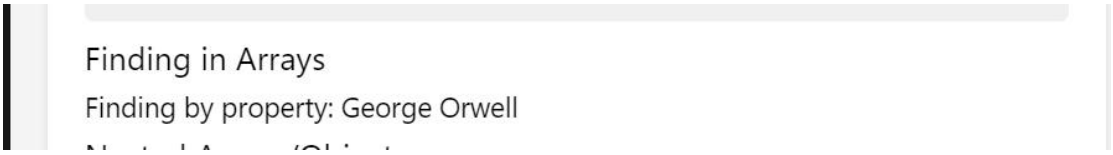
Activity2



Activity3



Activity4



```
// Activity 4: Find author by name
const orwell = computed(() => {
  // TODO: CODE TO FIND AUTHOR BY NAME HERE
  return authors.find((author) => author.name === "George Orwell");
})

// Activity 5: Find author by ID
```

Activity5

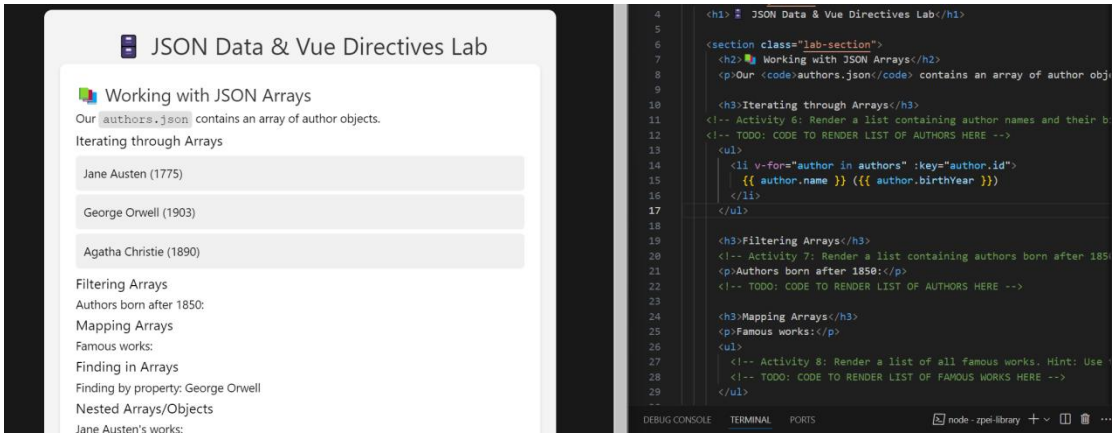
```
// Activity 5: Find author by ID
const austen = computed(() => {
  // TODO: CODE TO FIND AUTHOR BY ID HERE
  return authors.find((author) => author.id === 1);
})
</script>
```

Jane Austen's works:

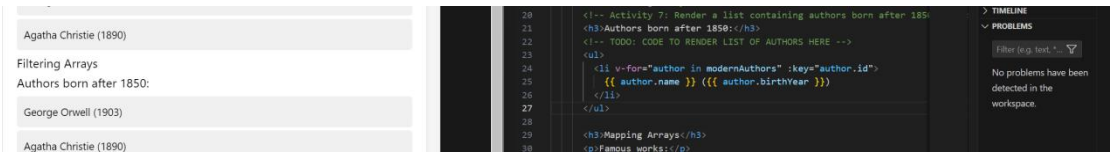
Pride and Prejudice

Sense and Sensibility

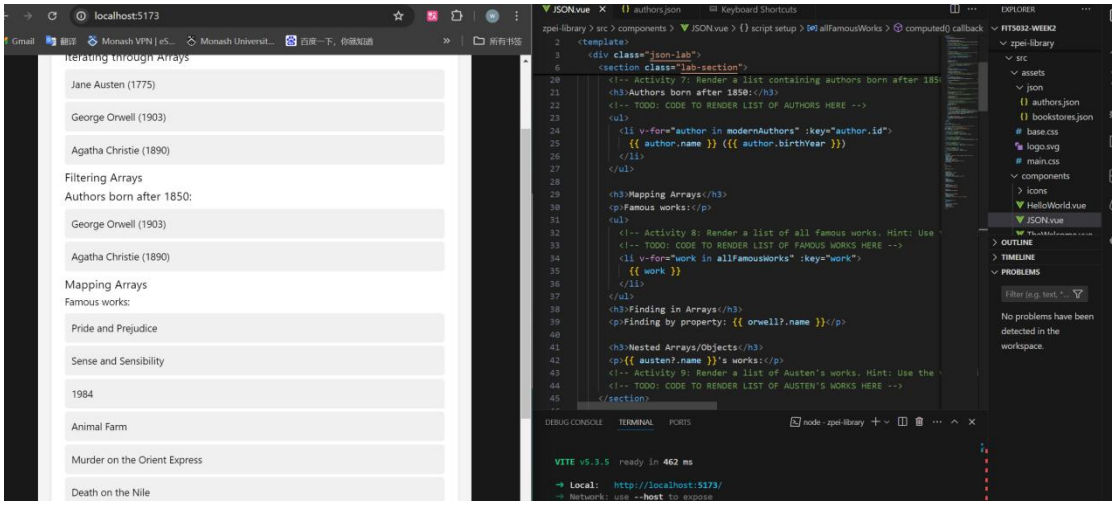
Activity6



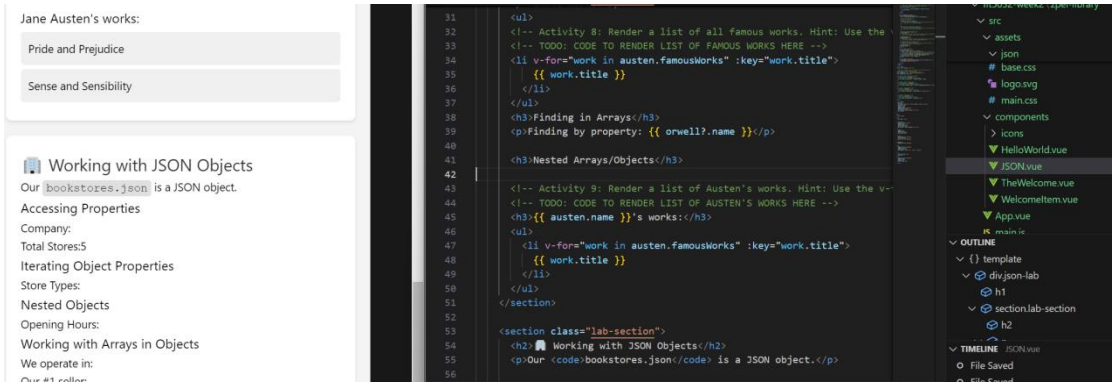
Activity7



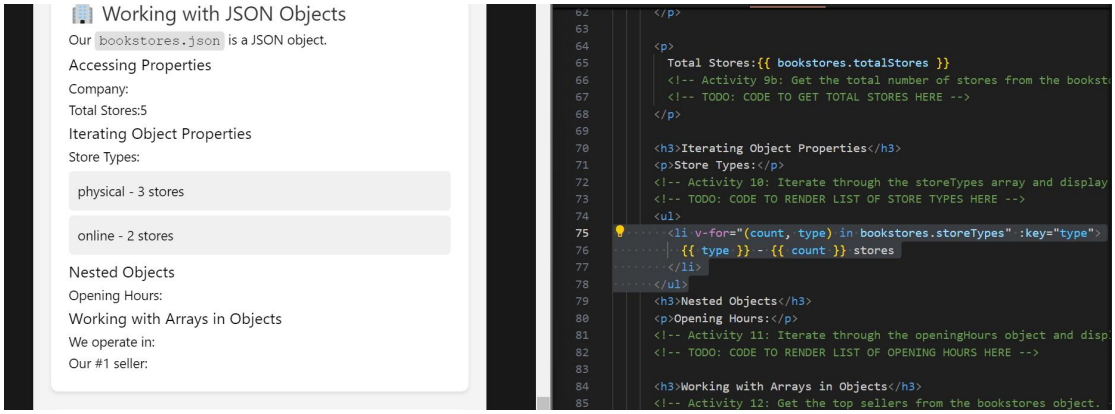
Activity8



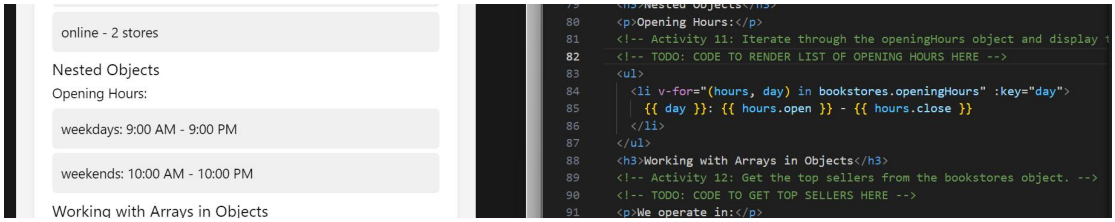
Activity 9



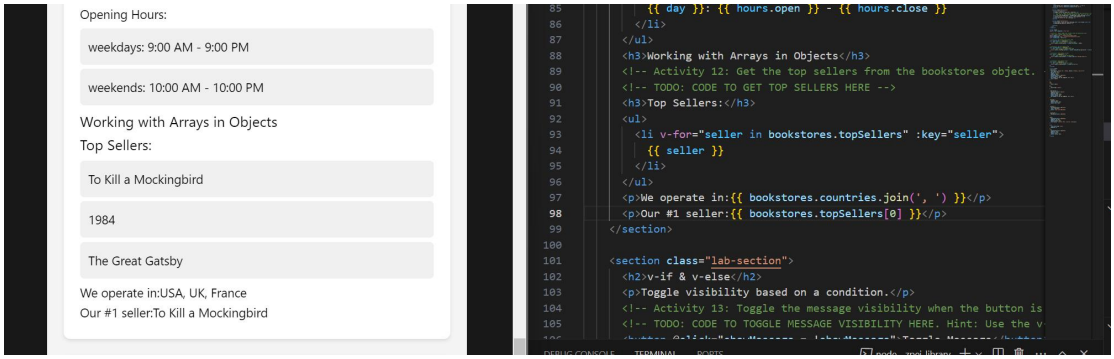
Activity10



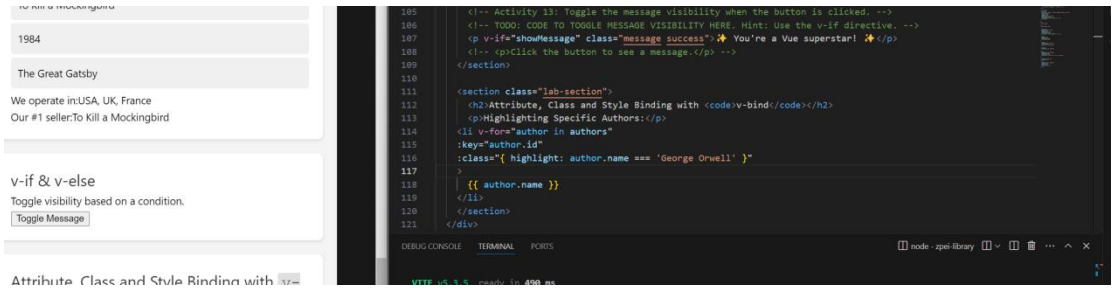
Activity11



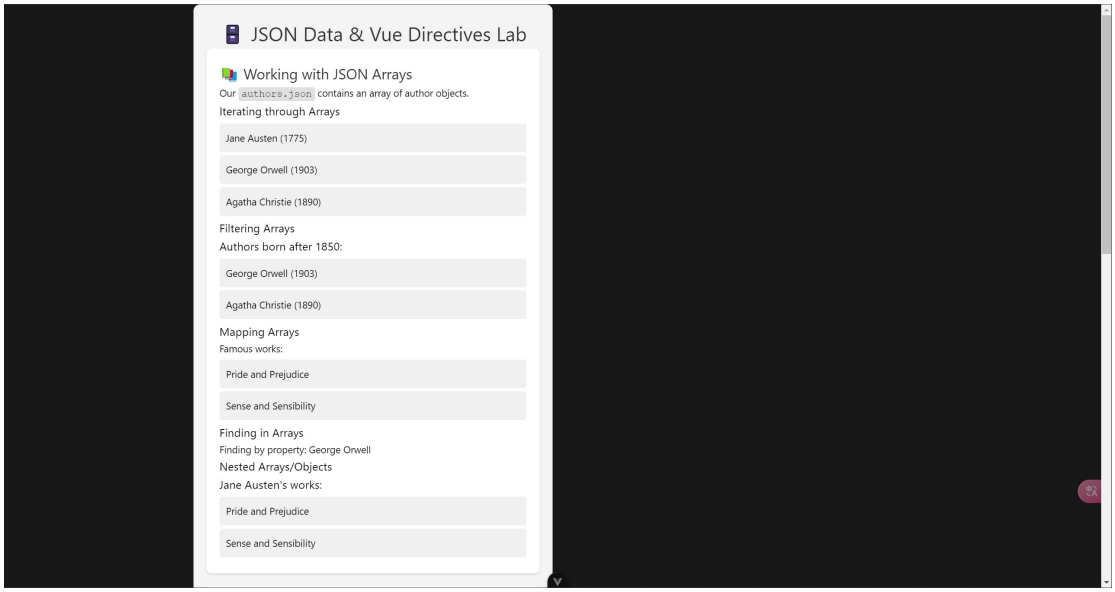
Activity12



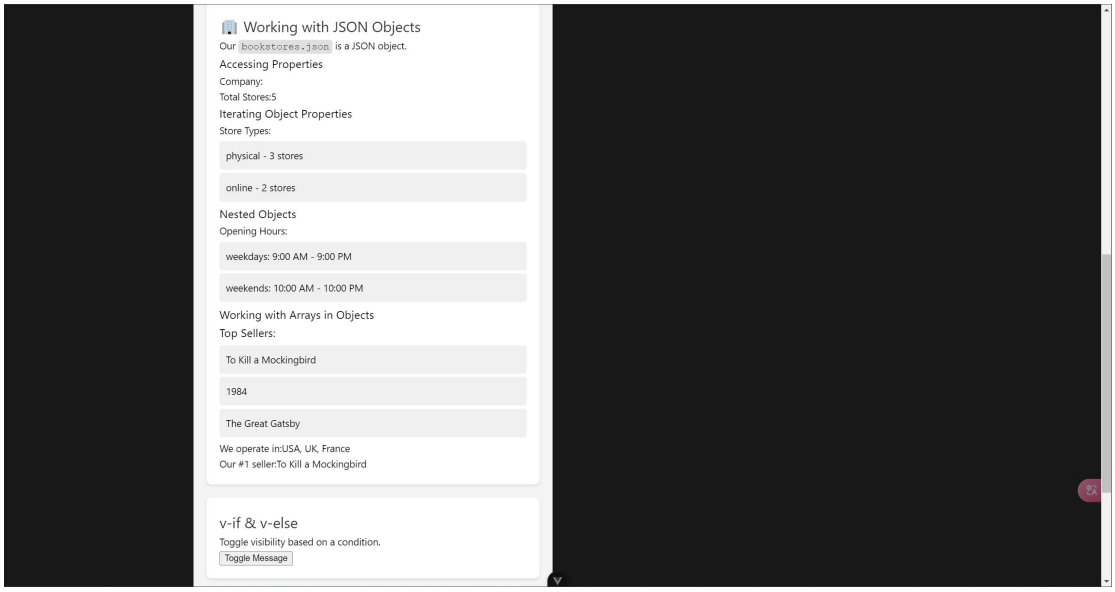
Activity 13



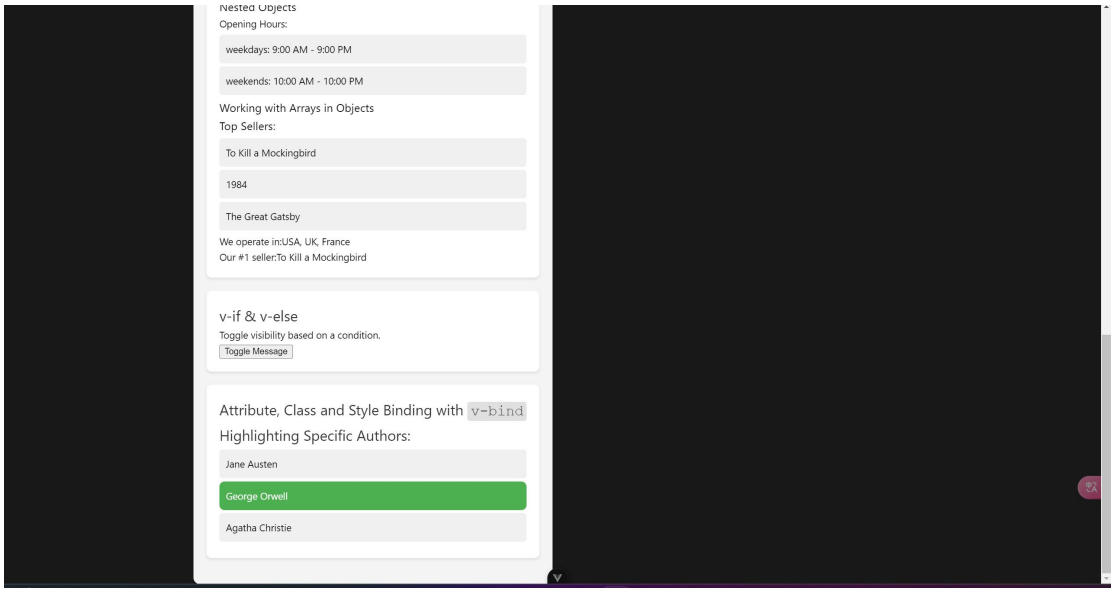
Working with JSON Arrays



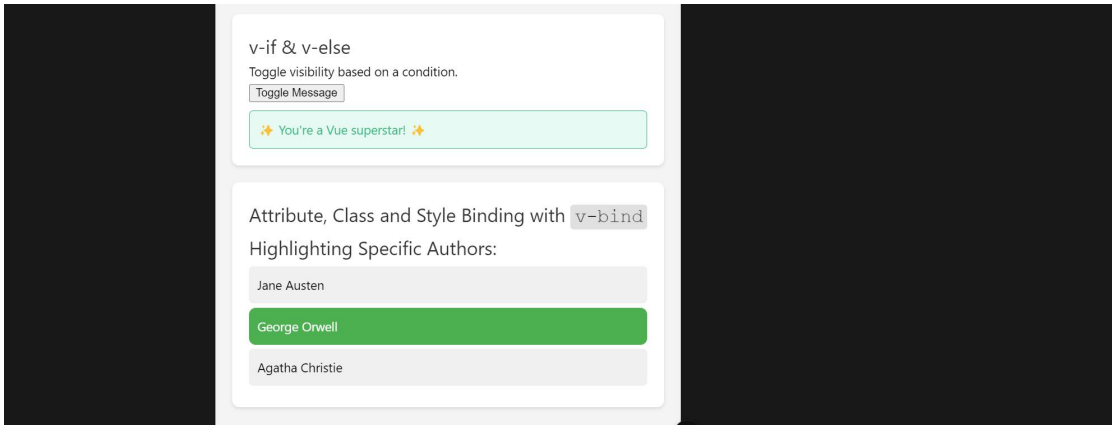
Working with JSON Objects



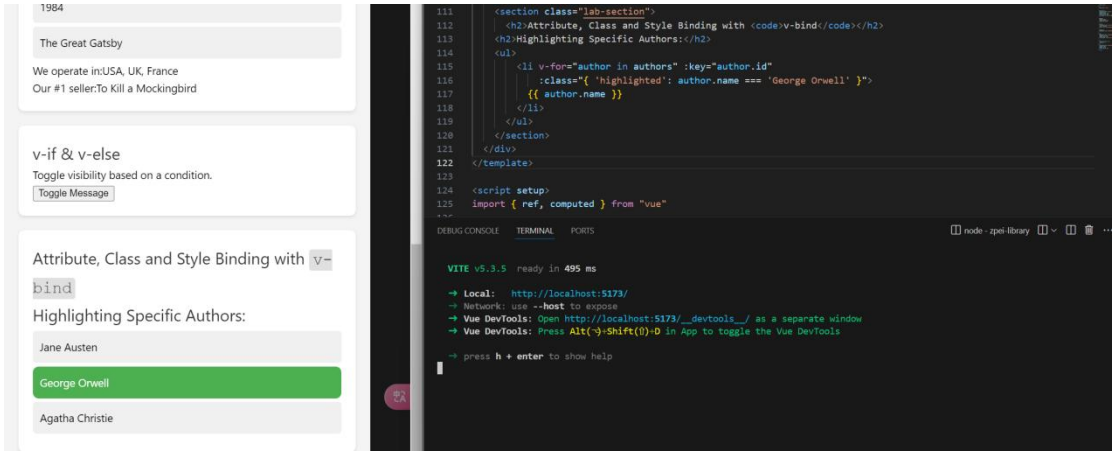
V-if&V-else



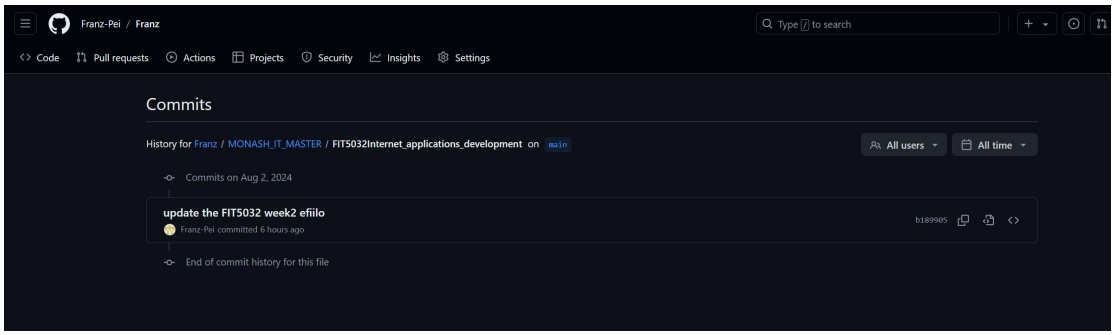
Attribute, Class and Style Binding with v-bind
Highlighting Specific Authors:

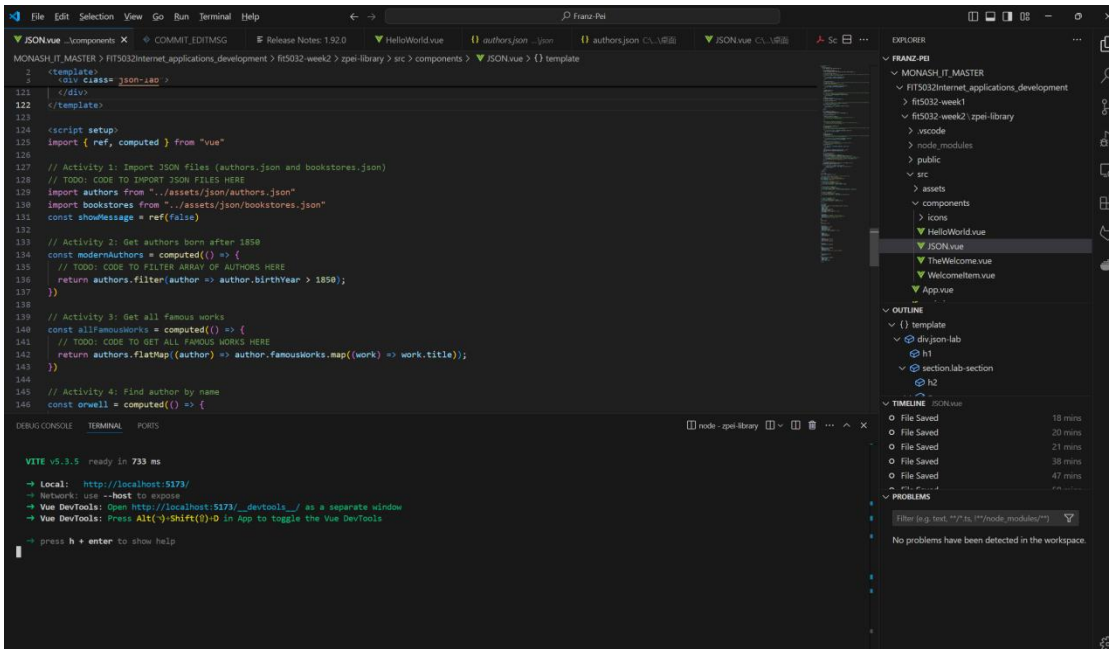


EFOLIO TASK 2.2



GitHub History




File Edit Selection View Go Run Terminal Help
Franz-Pei
JSON.vue ...\components
COMMIT_EDITMSG
Release Notes: 1.92.0
HelloWorld.vue
authors.json ...\json
authors.json C:\...\桌面
JSON.vue C:\...\桌面
MONASH_IT_MASTER > FIT5032Internet_applications_development > fit5032-week2 > zpei-library > src > components > JSON.vue > {} template
<template>

</template>
<script setup>
import { ref, computed } from "vue"
// Activity 1: Import JSON files (authors.json and bookstores.json)
// TODO: CODE TO IMPORT JSON FILES HERE
import authors from "../assets/json/authors.json"
import bookstores from "../assets/json/bookstores.json"
const showMessage = ref(false)
// Activity 2: Get authors born after 1850
const modernAuthors = computed(() => {
// TODO: CODE TO FILTER ARRAY OF AUTHORS HERE
return authors.filter(author => author.birthYear > 1850);
})
// Activity 3: Get all famous works
const allFamousWorks = computed(() => {
// TODO: CODE TO GET ALL FAMOUS WORKS HERE
return authors.flatMap((author) => author.famousWorks.map((work) => work.title));
})
// Activity 4: Find author by name
const orwell = computed(() => {
DEBUG CONSOLE
TERMINAL
PORTS
node - zpei-library
VITE v5.3.5 ready in 733 ms
Local: http://localhost:5173/
Network: use --host to expose
Vue DevTools: Open http://localhost:5173/__devtools__/ as a separate window
Vue DevTools: Press Alt(⌥)+Shift(⇧)+D in App to toggle the Vue DevTools
press h + enter to show help
EXPLORER
FRANZ-PEI
MONASH_IT_MASTER
FIT5032Internet_applications_development
fit5032-week1
fit5032-week2 : zpei-library
.vscode
node_modules
public
src
assets
components
icons
HelloWorld.vue
JSON.vue
TheWelcome.vue
WelcomeItem.vue
App.vue
OUTLINE
{} template
div.json-lab
h1
section.lab-section
h2
TIMELINE JSON.vue
File Saved 18 mins
File Saved 20 mins
File Saved 21 mins
File Saved 38 mins
File Saved 47 mins
PROBLEMS
Filter (e.g. text, **/*.ts, !**/node_modules/**)
No problems have been detected in the workspace.