

## Week 2 – Yujie Hu

### Task 2.1

The screenshot shows a web browser window with the URL `localhost:5173`. The browser's address bar and tabs are visible at the top. The main content area displays a lab interface titled "JSON Data & Vue Directives Lab".

The lab is divided into two main sections:

- Working with JSON Arrays**
  - Our `authors.json` contains an array of author objects.
  - Iterating through Arrays
    - Jane Austen (1775)
    - George Orwell (1903)
    - Agatha Christie (1890)
  - Filtering Arrays
    - Authors born after 1850:
      - George Orwell (1903)
      - Agatha Christie (1890)
  - Mapping Arrays
    - Famous works:
      - Pride and Prejudice
      - Sense and Sensibility
      - 1984
- Working with JSON Objects**
  - Our `bookstores.json` is a JSON object.
  - Accessing Properties
    - Company: Worldwide Bookstores
    - Total Stores: 5
  - Iterating Object Properties
    - Animal Farm
    - Murder on the Orient Express
    - Death on the Nile

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localhost:5173

Japanese dictionary... Google 翻译 Human Benchmark my.monash Deals, Coupons, Vo... My Drive - Google... (8) Dashboard Dashboard Market Information... Meal prep - Google... All Bookmarks

### Working with JSON Objects

Our `bookstores.json` is a JSON object.

Accessing Properties

Company: Worldwide Bookstores

Total Stores: 5

Iterating Object Properties

Store Types:

- physical : 3
- online : 2

Nested Objects

Opening Hours:

- Monday: Open - 9:00 AM, Close - 9:00 PM
- Tuesday: Open - 9:00 AM, Close - 9:00 PM
- Wednesday: Open - 9:00 AM, Close - 9:00 PM
- Thursday: Open - 9:00 AM, Close - 9:00 PM
- Friday: Open - 9:00 AM, Close - 9:00 PM
- Saturday: Open - 10:00 AM, Close - 10:00 PM
- Sunday: Open - 10:00 AM, Close - 10:00 PM

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Sunday: Open - 10:00 AM, Close - 10:00 PM

### Working with Arrays in Objects

To Kill a Mockingbird

1984

The Great Gatsby

We operate in:

Our #1 seller:

### v-if & v-else

Toggle visibility based on a condition.

`Toggle Message`

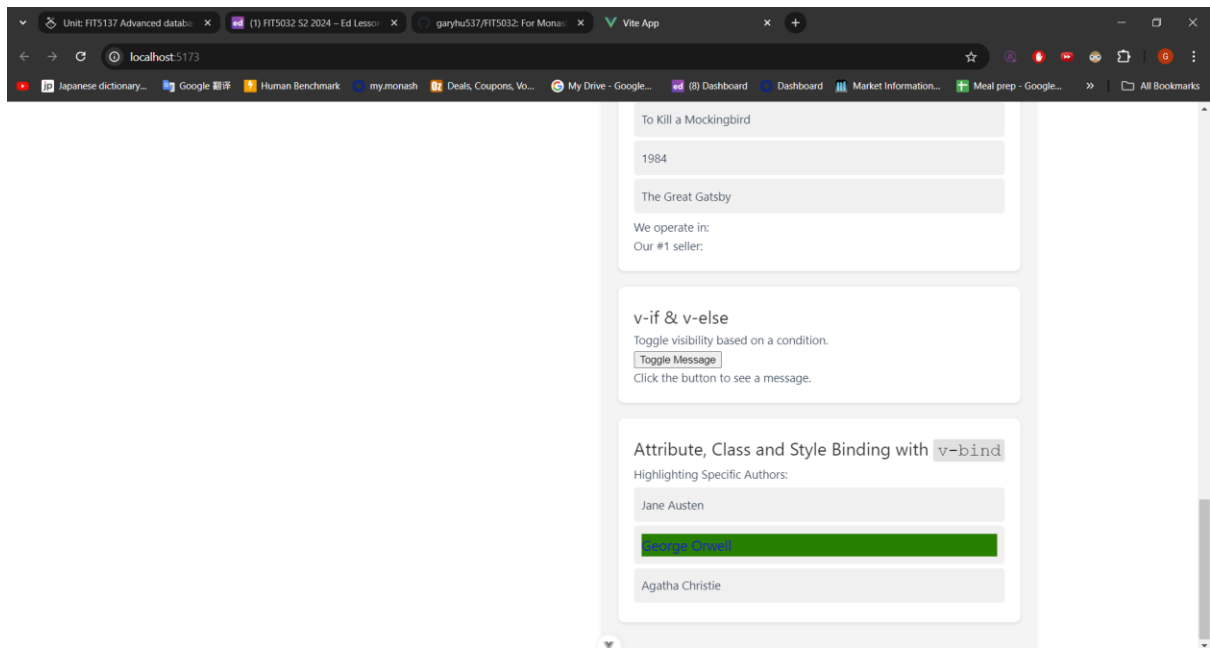
Click the button to see a message.

### Attribute, Class and Style Binding with `v-bind`

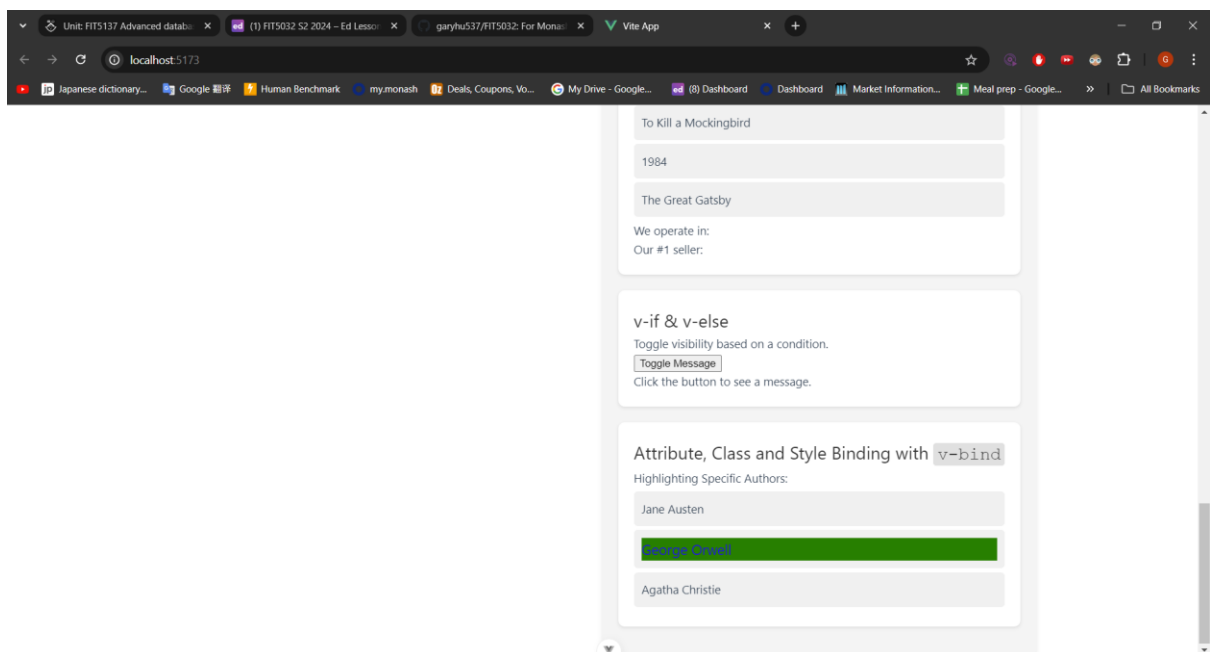
Highlighting Specific Authors:

Jane Austen

George Orwell



## Task 2.2



```
File Edit Selection View Go Run Terminal Help
yhu:library

src > components > JSON.vue > {} JSON.vue > template > div.json-lab > section.lab-section > ul > li > div > p
1 <!-- JSONLab.vue -->
2 <template>
3 <div class="json-lab">
102 <section class="lab-section">
108 <p class="message success" v-if="showMessage">🌟 You're a Vue superstar! 🌟</p>
109 <p>Click the button to see a message.</p>
110 </section>
111
112 <section class="lab-section">
113 <h2>Attribute, Class and Style Binding with <code>v-bind</code></h2>
114 <p>Highlighting Specific Authors:</p>
115 <ul>
116 <li v-for="author in authors" :key="author.id">
117 <div v-if="author.name==='George Orwell'">
118 | <p v-bind:style="{color:textcolor, fontSize: fontSize + 'px', backgroundColor:backgroundColor}">{{author.name}}</p>
119 </div>
120 <div v-else>
121 | <p>{{author.name}}</p>
122 </div>
123 </li>
124 </ul>
125 </section>
126 </div>
127 </template>
128
129 <script setup>
130 import { ref, computed } from "vue"
131
```

11:38:08 pm [vite] hmr update /src/components/JSON.vue

```
172 const textColor = ref('blue')
173 const fontSize = ref(18)
174 const backgroundColor = ref('green')
```

Commits on Aug 2, 2024

Week 2 v-bind completed

garyhu537 committed now

521e63c

Commits on Aug 1, 2024

Week 2 applied

garyhu537 committed yesterday

1fce373

Commits on Jul 25, 2024

Week 1

garyhu537 committed last week

0c41d2f

Create README.md

garyhu537 committed last week

Verified 3908ee1