

## EFOLIO TASK 2.1

### JSON Data & Vue Directives Lab

#### 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

Animal Farm

Murder on the Orient  
Express

Death on the Nile

## Finding in Arrays

Finding by property: George Orwell

## Nested Arrays/Objects

George Orwell's works:

1984

Animal Farm



## Working with JSON Objects

Our `bookstores.json` is a JSON object.

### Accessing Properties

Company:

Total Stores: 5

### Iterating Object

#### Properties

Store Types:

physical: 3

online: 2

### Nested Objects

Opening Hours:

weekdays: 9:00 AM - 9:00 PM

weekends: 10:00 AM - 10:00 PM

### Working with Arrays in Objects

We operate in:

To Kill a Mockingbird

1984

The Great Gatsby

Our #1 seller:

To Kill a Mockingbird

## 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:

## EFOLIO TASK 2.2

### Author-highlight functionality

Iterating through Arrays

Jane Austen (1775)

**George Orwell (1903)**

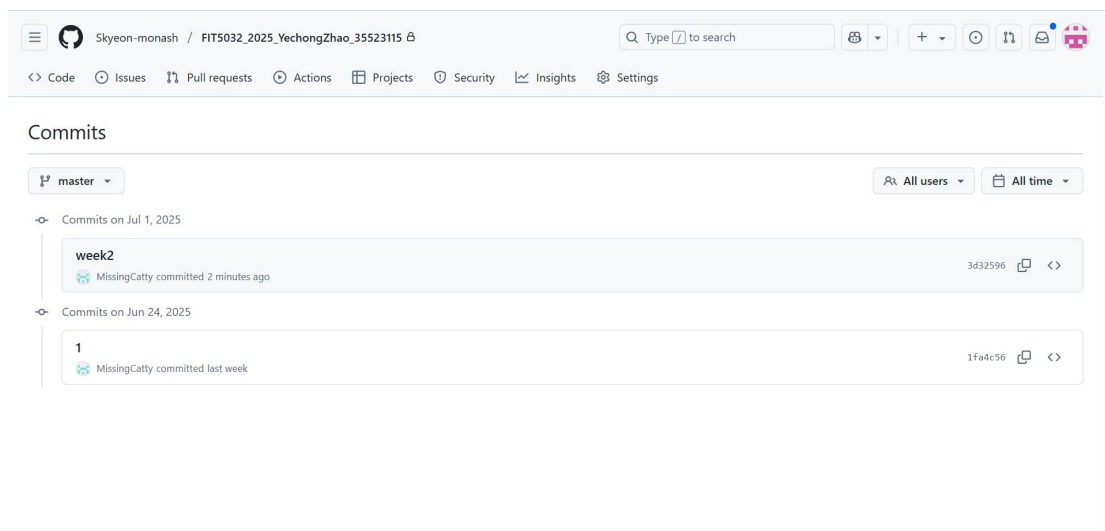
Agatha Christie (1890)

### Code

```
<ul>
<li
  v-for="author in authors"
  :key="author.id"
  :class="{ highlight: author.name === 'George Orwell' }"
  :style="author.name === 'George Orwell' ? { fontWeight: 'bold', color: '#1c3e50' } : {}"
>
  {{ author.name }} ({{ author.birthYear }})
</li>
</ul>
```

```
.highlight {
  background-color: #42b883;
}
```

## GitHub history with your project update



The screenshot shows the GitHub interface for the repository 'FIT5032\_2025\_YechongZhao\_35523115' by user 'Skyeon-monash'. The 'Commits' tab is selected, showing a list of commits. The most recent commit is 'week2' by 'MissingCatty' committed 2 minutes ago, with a commit hash of '3d32596'. Below it, there is a commit '1' by 'MissingCatty' committed last week, with a commit hash of '1fa4c56'. The interface includes a search bar, navigation links for Code, Issues, Pull requests, Actions, Projects, Security, Insights, and Settings, and filters for 'All users' and 'All time'.

## Github URL

[Skyeon-monash/FIT5032\\_2025\\_YechongZhao\\_35523115](https://github.com/Skyeon-monash/FIT5032_2025_YechongZhao_35523115)