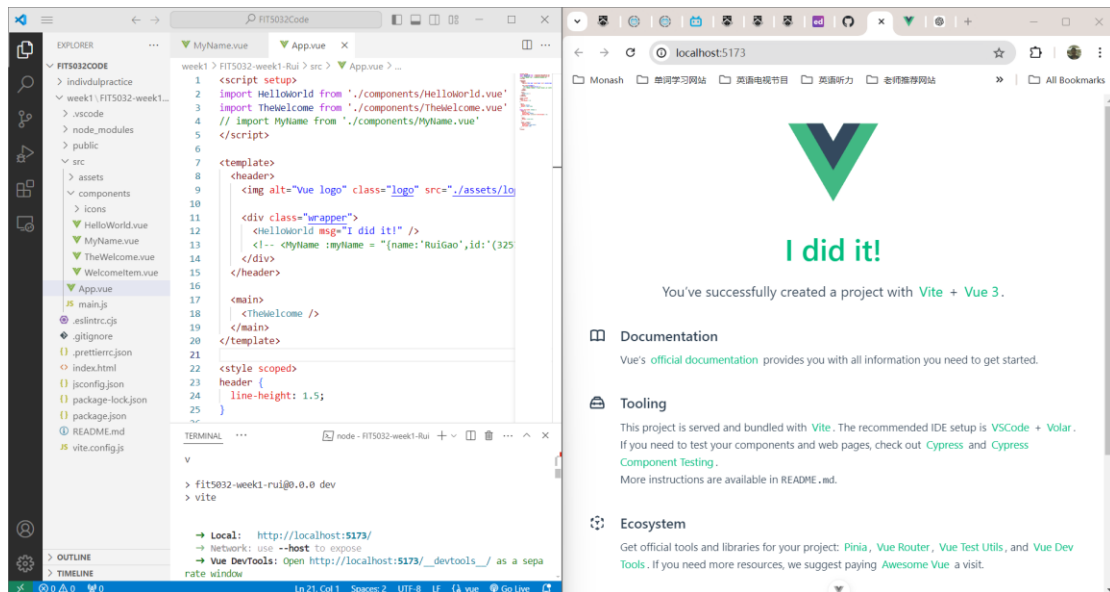
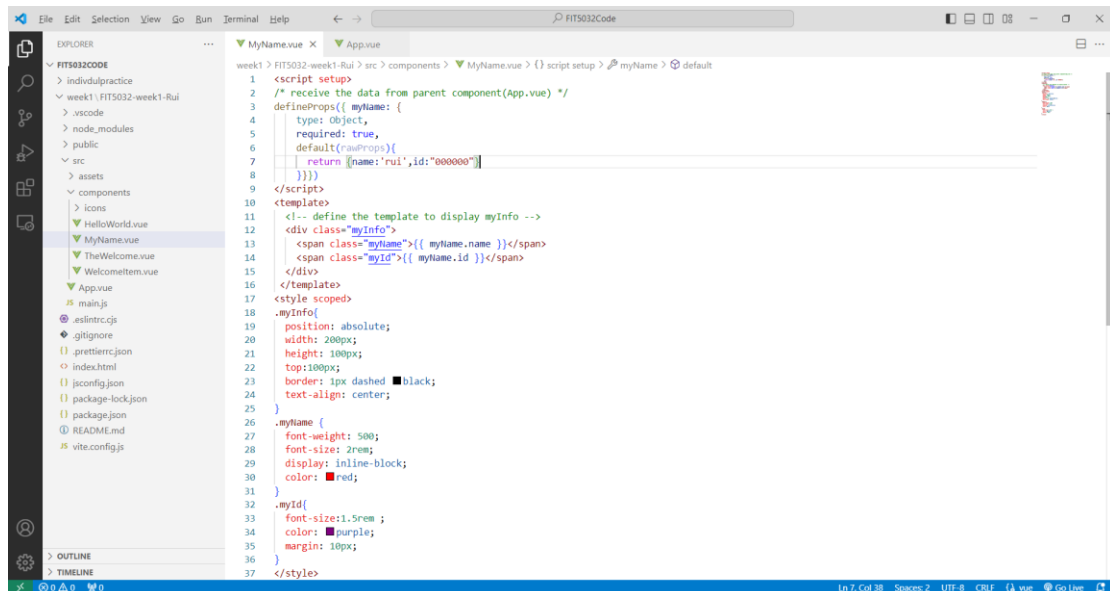


# Task 1.1

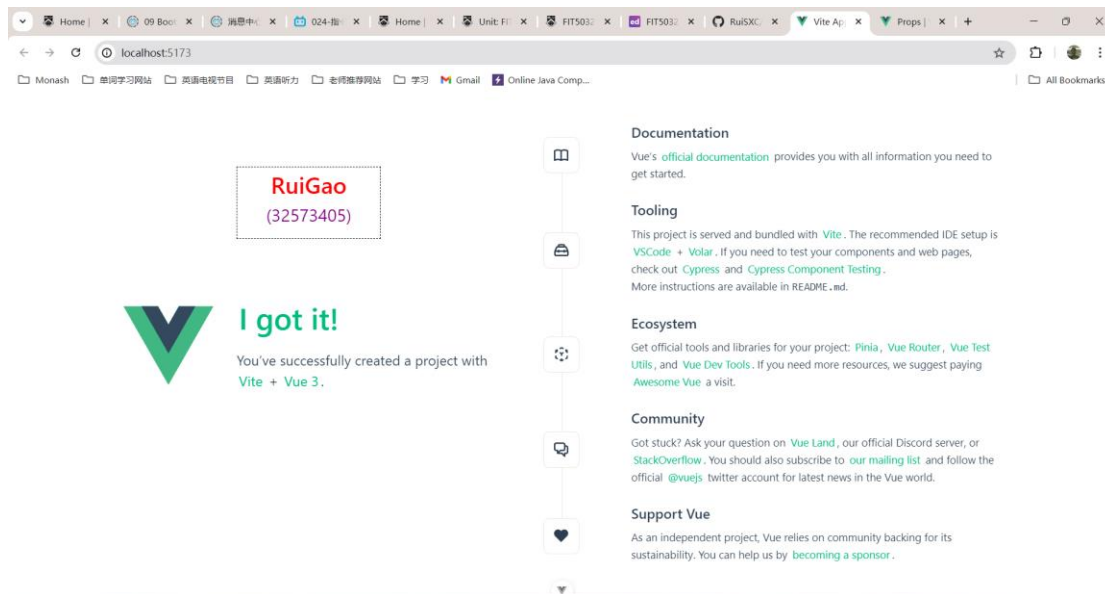


Screenshot 1: Installed VS Code & Running Vue App

# Task1.2



Screenshot 2: MyName.vue Component



Screenshot 3: Modified Home Page & display my name

**GitHub Link:** <https://github.com/RuiSXC/FIT5032>

## 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

Jane Austen's works:

Pride and Prejudice

Sense and Sensibility



## 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:

weekdays: 9:00 AM--9:00 PM

weekends: 10:00 AM--10:00 PM

### Working with Arrays in Objects

We operate in: USA UK France

Our #1 seller: To Kill a Mockingbird

## v-if & v-else

Toggle visibility based on a condition.

Toggle Message

💎 You're a Vue superstar! 💎

Click the button to see a message.

## v-if & v-else

Toggle visibility based on a condition.

Toggle Message

Click the button to see a message.

## Task 2.2

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

Highlighting Specific Authors:

Jane Austen

George Orwell

Agatha Christie

#### Code:

```
<section class="lab-section">
  <h2>Attribute, Class and Style Binding with <code>v-bind</code></h2>
  <p>Highlighting Specific Authors:</p>
  <ul>
    <li v-for="author in authors" :class="{ 'highlight':author.name==='George Orwell'}" :key="author.id">{{ author.name }}</li>
  </ul>
```

# GitHub History:

RuiSXC / FIT5032

Type to search

<> Code

Issues

Pull requests

Actions

Projects

Wiki

Security

Insights

Settings

Commits

main

All users

All time

Commits on Aug 2, 2024

highlight author name

RuiSXC committed now

454f6e3

<>

...

task 1 & task 2.1

RuiSXC committed 1 hour ago

928df4c

<>

...

Commits on Jul 25, 2024

test

RuiSXC committed last week

74c74f5

<>

...