

Week1

The image shows a development environment with VS Code on the left and a web browser on the right. In VS Code, the file explorer shows a project structure with components like `MyName.vue`, `HelloWorld.vue`, and `TheWelcome.vue`. The editor displays the code for `src > components > HelloWorld.vue`, which includes a template with a message placeholder and a scoped style block. The terminal shows the Vite server running on `localhost:5173`. The browser on the right displays the Vite + Vue 3 welcome page, confirming the successful setup.

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```

```

<template>
  <div class="greetings">
    <h1 class="green">{{ msg }}</h1>
    <h3>
      You've successfully created a project with
      <a href="https://vitejs.dev/" target="_blank" rel="noopener">
        <a href="https://vuejs.org/" target="_blank" rel="noopener">
    </h3>
  </div>
</template>

<style scoped>
  h1 {
    font-weight: 500;
    font-size: 2.6rem;
    position: relative;
    top: -10px;
  }

  h3 {
    font-size: 1.2rem;
  }

  .greetings h1,
  .greetings h3 {
    text-align: center;
  }

  @media (min-width: 1024px) {
    .greetings h1,
    .greetings h3 {
      text-align: left;
    }
  }

```

VITE v5.3.4 ready in 3058 ms

→ Local: <http://localhost:5173/>
→ Network: use --host to expose
→ press h + enter to show help

Documentation

Vue's [official documentation](#) provides you with all information you need to get started.

Tooling

This project is served and bundled with [Vite](#). The recommended IDE setup is [VSCode](#) + [Volar](#). If you need to test your components and web pages, check out [Cypress](#) and [Cypress Component Testing](#). More instructions are available in [README.md](#).

Ecosystem

Get official tools and libraries for your project: [Pinia](#), [Vue Router](#), [Vue Test Utils](#), and [Vue Dev Tools](#). If you need more resources, we suggest paying [Awesome Vue](#) a visit.

Community

Got stuck? Ask your question on [Vue Land](#), our official Discord server, or [StackOverflow](#). You should also subscribe to [our mailing list](#) and follow the official [@vuejs](#) twitter account for latest news in the Vue world.

Support Vue

As an independent project, Vue relies on community backing for its sustainability. You can help us by [becoming a sponsor](#).

The image shows a VS Code editor with the file `src > components > MyName.vue` open. The code defines a component with a template containing a `div` with class `myname` and a `h1` element. The style block sets the text-align to center and the bottom margin to 10px. The terminal shows the command `npm update /src/components/MyName.vue (x5)` being executed.

```

1
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9
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11
12

```

```

<template>
  <div class="myname">
    <h1> Dear Yijiang Liu </h1>
  </div>
</template>

<style scoped>
  .myname {
    text-align: center;
    bottom: 10px;
  }
</style>

```

11:03:56 AM [vite] hmr update /src/components/MyName.vue (x5)



Dear Yijiang Liu
You did it!

You've successfully created a project with
Vite + Vue 3.



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My GitHub account URL is: <https://github.com/AttackingtonCaesar>

Week2

localhost:5173

Home | Monash Stu...

Pay online - Monas...

Home - Residential...

Home | Residential...

ed (15) Dashl

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

localhost:5173

Home | Monash Stu... Pay online - Monas... Home - Residential... Home | Residential... (15) Da

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

localhost:5173

Home | Monash Stu... Pay online - Monas... Home - Residential... Home | Residential... (15) Dashboard

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 stores

online: 2 stores

Nested Objects

Opening Hours:

weekdays: 9:00 AM - 9:00 PM

weekends: 10:00 AM - 10:00 PM

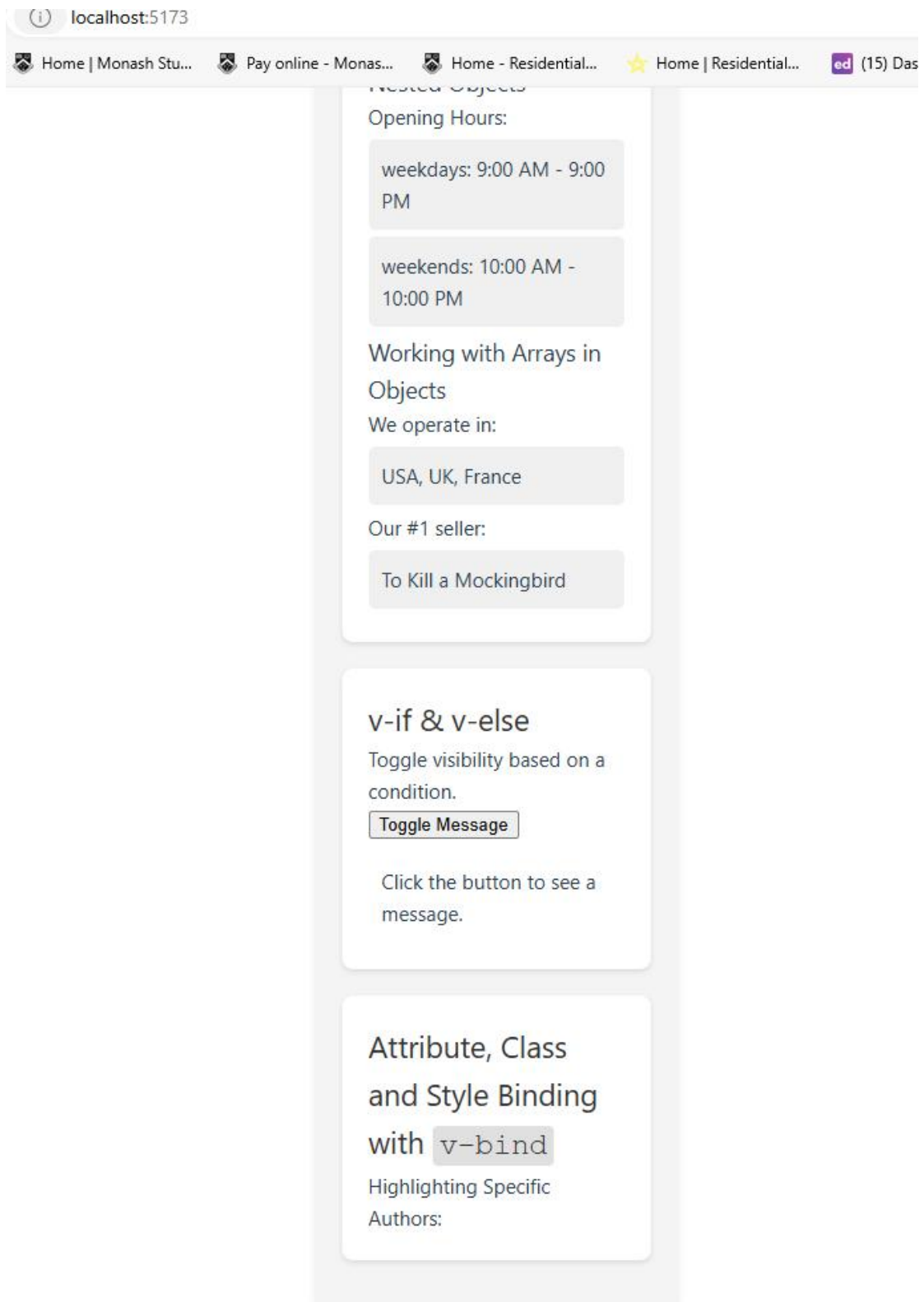
Working with Arrays in Objects

We operate in:

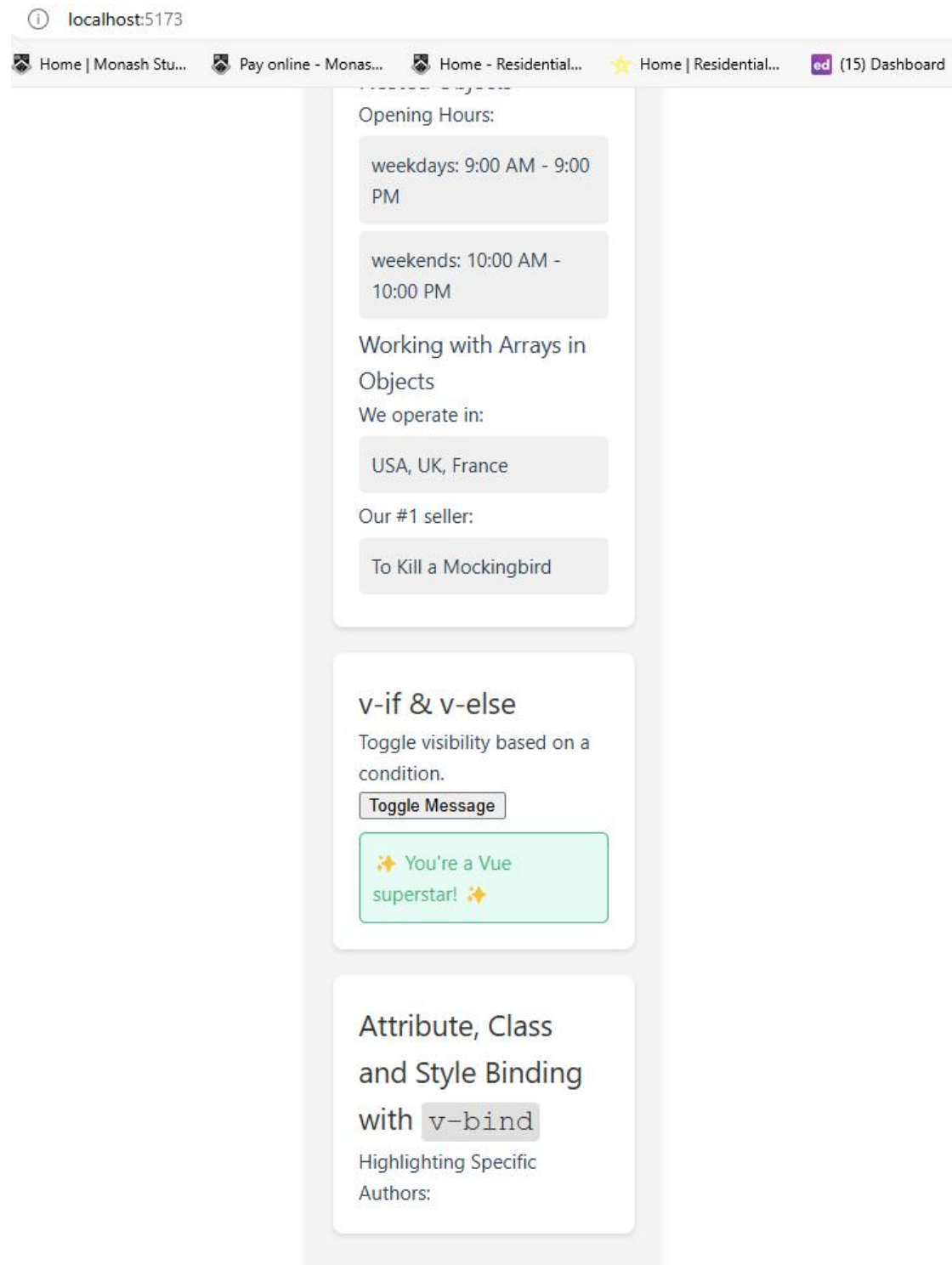
USA, UK, France

Our #1 seller:

To Kill a Mockingbird



4(without click)



5(click)