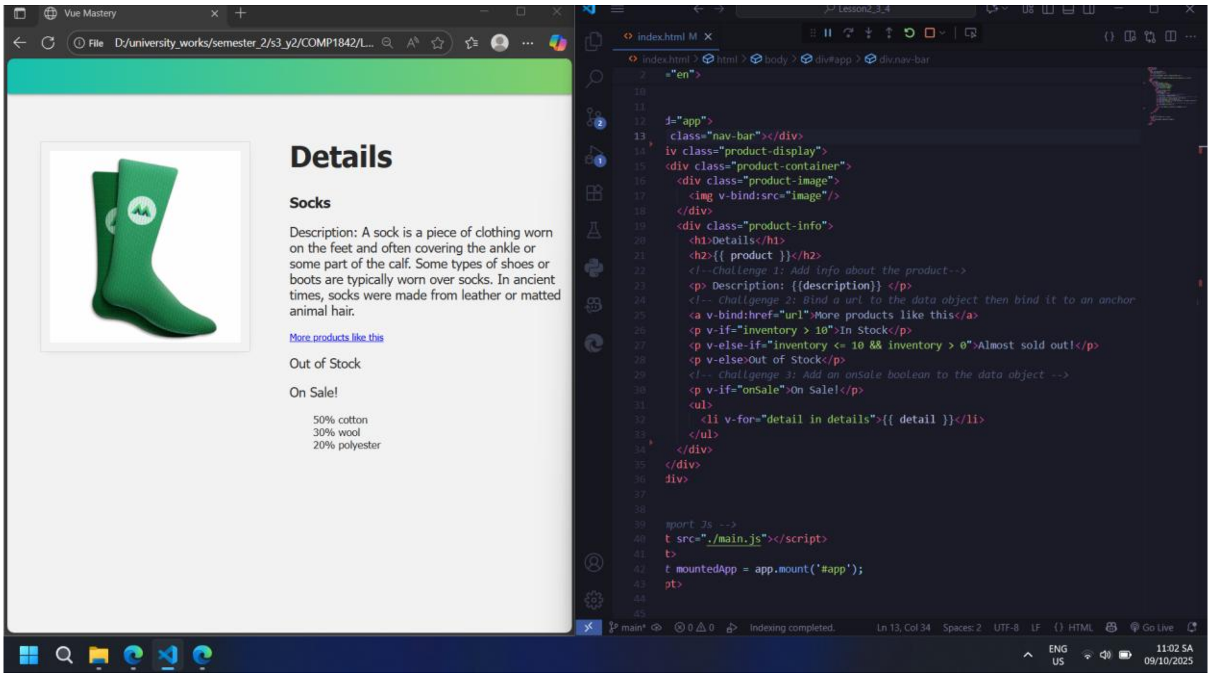
Part I: Browser and Code


Vue Mastery
File D:/university_works/semester_2/s3_y2/COMP1842/L...
index.html M
Lesson2_3_4
index.html > html > body > div#app > div.nav-bar
main* ⊗ 0 ⚠ 0 Indexing completed. Ln 13, Col 34 Spaces: 2 UTF-8 LF {} HTML Go Live
ENG US 11:02 SA 09/10/2025

Details

Socks

Description: A sock is a piece of clothing worn on the feet and often covering the ankle or some part of the calf. Some types of shoes or boots are typically worn over socks. In ancient times, socks were made from leather or matted animal hair.

More products like this

Out of Stock

On Sale!

50% cotton
30% wool
20% polyester

```
="en">


d="app">
 class="nav-bar"></div>
iv class="product-display">
<div class="product-container">
  <div class="product-image">
    <img v-bind:src="image"/>
  </div>
  <div class="product-info">
    <h1>Details</h1>
    <h2>{{ product }}</h2>
    <!--Challenge 1: Add info about the product-->
    <p> Description: {{description}} </p>
    <!-- Challgenge 2: Bind a url to the data object then bind it to an anchor
    <a v-bind:href="url">More products like this</a>
    <p v-if="inventory > 10">In Stock</p>
    <p v-else-if="inventory <= 10 && inventory > 0">Almost sold out!</p>
    <p v-else>Out of Stock</p>
    <!-- Challgenge 3: Add an onSale boolean to the data object -->
    <p v-if="onSale">On Sale!</p>
    <ul>
      <li v-for="detail in details">{{ detail }}</li>
    </ul>
  </div>
</div>
div>


mport Js -->
t src="./main.js"></script>
t>
t mountedApp = app.mount('#app');
pt>
```

Part II: Understanding

- Video 2: This video teaches me how to set up a basic Vue app: create it with Vue.createApp(), store data in data(), mount it to #app, and display values using {{ }}. When data changes, the page updates automatically.
- Video 3: This video shows me how to use attribute binding in Vue. I can connect HTML attributes to my app's data using v-bind or the : for short. For example, <img :src = "image"> links the image source to the image data property. When that data changes, the image updates automatically.
- Video 3: This lesson covers conditional rendering in Vue using v-if and v-else to show different content based on data values, like displaying "In Stock" or "Out of Stock." The v-show directive toggles visibility without removing elements from the DOM. I also learned to use v-else-if to handle more complex conditions, like showing "Almost sold out" when inventory is low.