Task 8

A screenshot of a computer

Description automatically generated

Challenge:

A screenshot of a computer screen

Description automatically generated

Task 9:

A screenshot of a computer

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Challenge:

A screenshot of a computer

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Task 10:

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Challenge:

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200 words

Week 4 delved into essential Vue.js concepts, focusing on components, event communication, and forms. **Components** are the building blocks of Vue applications, allowing developers to encapsulate reusable pieces of functionality and UI. By using the Vue.component method, these components can be registered globally or locally, promoting modularity and code organization.

Lesson 9 introduced **event communication**, emphasizing the use of the $emit method for parent-child communication. Child components can trigger custom events to inform their parent components of changes or actions, enabling a clear data flow and interaction between components. This is particularly useful in scenarios like updating a parent’s data based on a button click in a child.

Lesson 10 covered **forms** in Vue, focusing on two-way data binding with the v-model directive, which simplifies managing form input values. It also explored form events like @submit for validation and handling user input dynamically.