# Week 5 Tasks

# Task 1 Learn composing components

In Vue a component is using a Vue instance with pre-defined options, where we can call the instant and initialise it which will then be loaded up into the html DOM.

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| 2 3 4 5 6 | // Extend Vue to get a reusable constructor var newComponent = Vue.add({  template: 'insert custom html component!' }) // Register the constructor with id: my-component Vue.component(new-component', newComponent) |

You can then call the template and use it within html by calling the id within a div

<div v-component="my-component"></div>

Or a custom element tag such as this

<new-component></new-component>