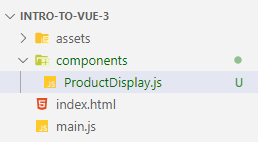
**VueJs 3**

**Course: Intro to Vue 3**

**Ch09\_Components\_and\_props**

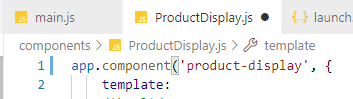
Components are the building blocks of an app:



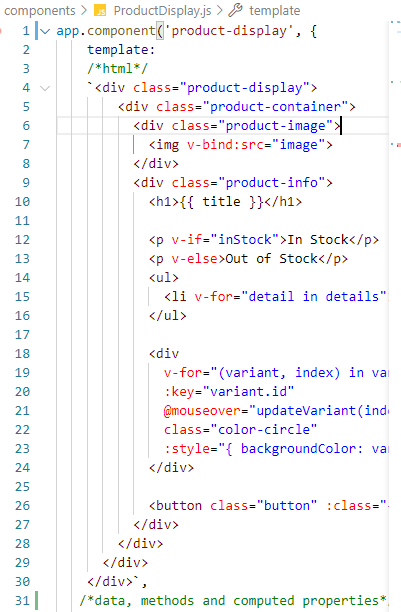
Components have 2 basic parts:

1- Name ‘product-display’

2 – Template or body



Remove all but the nav-bar and cart:



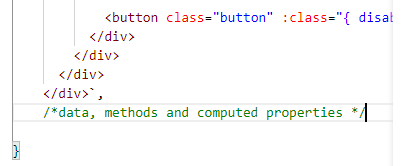
Activate the es6-string-html extension:



Back ticks causes the syntax highlighting:



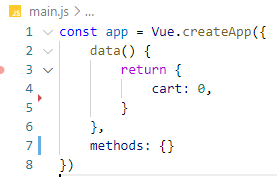
At the bottom we need our data, methods and computed properties:



Delete the cart: 0 only!!



Now clean up the main.js file:



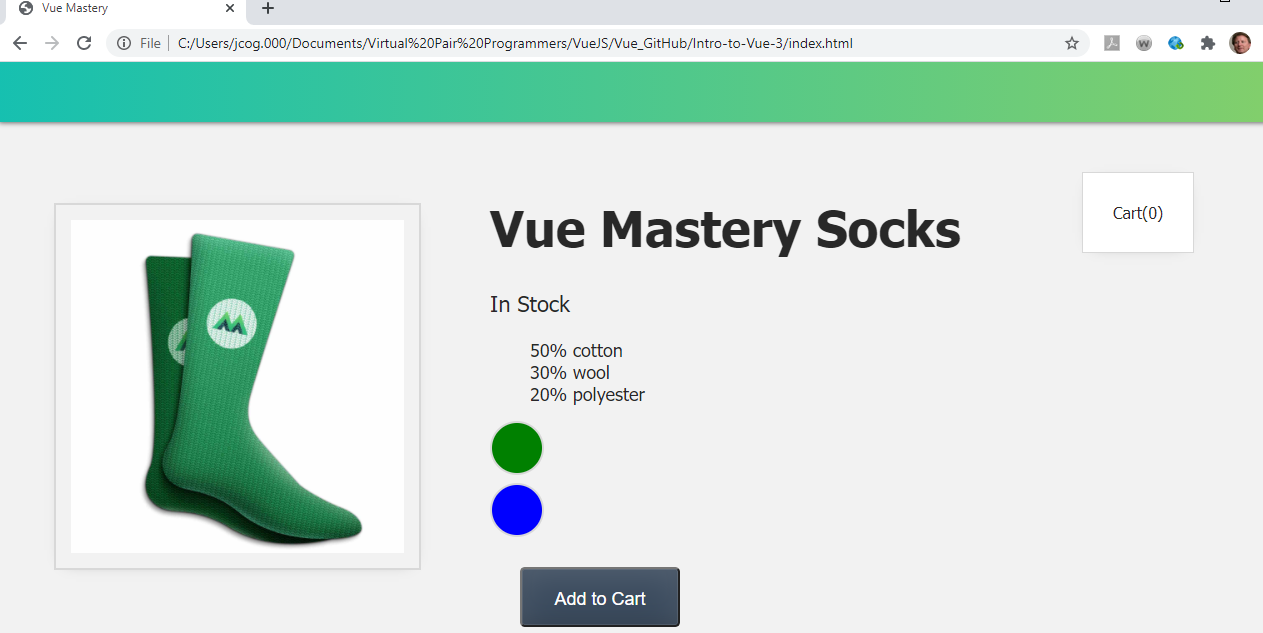
Now, add the import statement into the index.html file



Add the component tag to the index.html page:



View in browser:

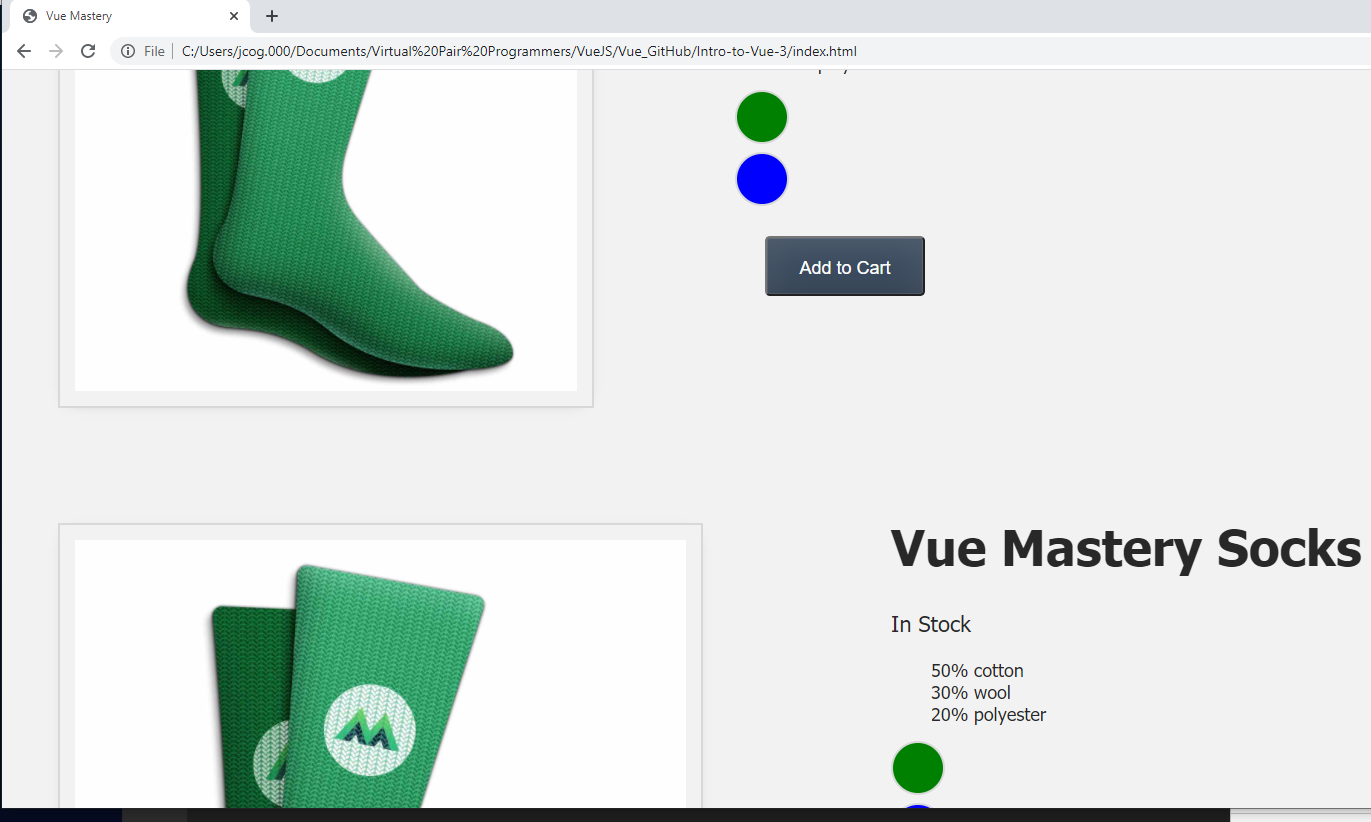


Demo encapsulated components:

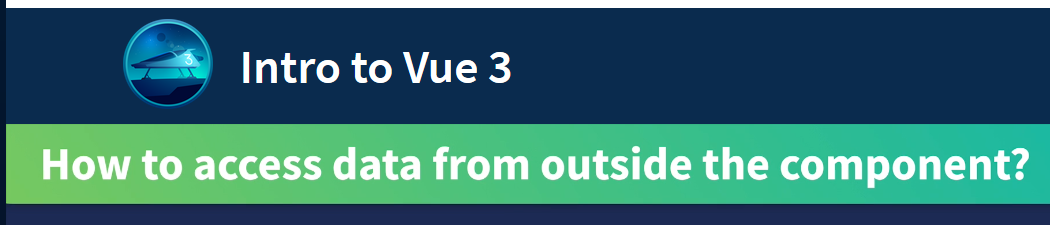


View in browser:

3 components

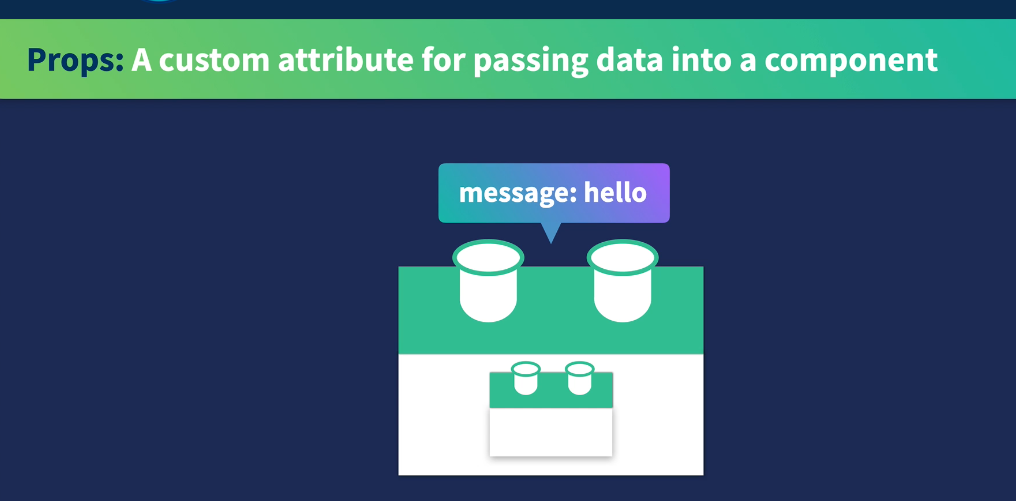


Remove the 2 extra components

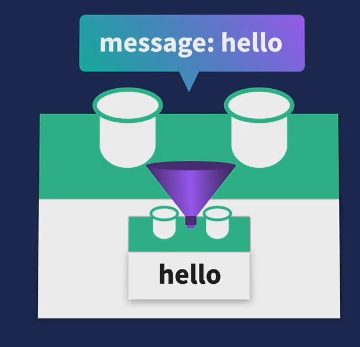


Because a component cannot reach outside it’s scope, it needs a PROP

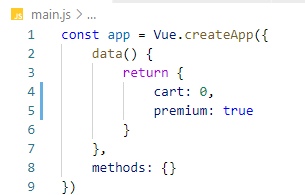




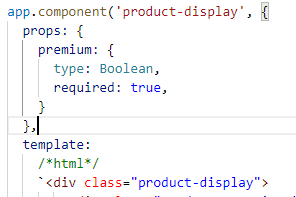
They function like a filter:

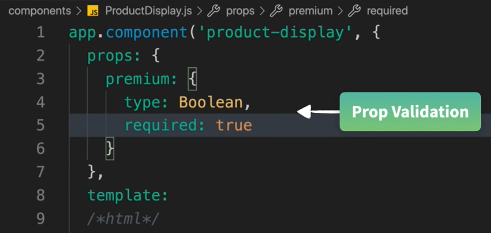


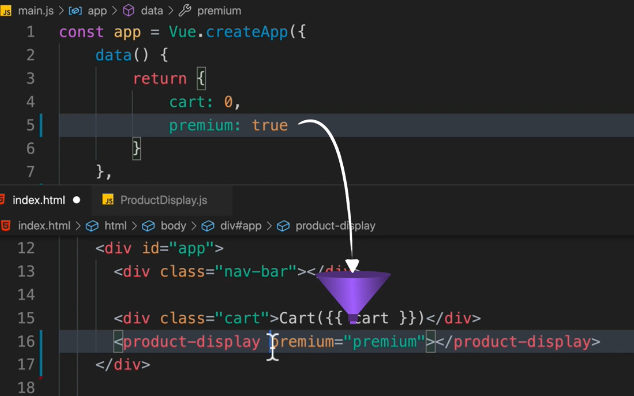
Create a premium property

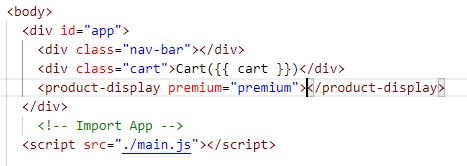


Add the filter to the component or Prop to pass the premium through:







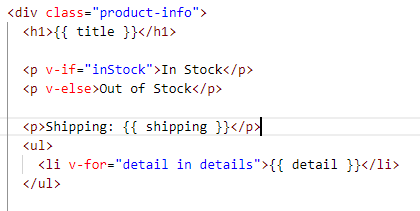


Add the shorthand for v-bind or the colon

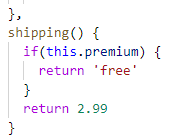


Let us make use of the premium

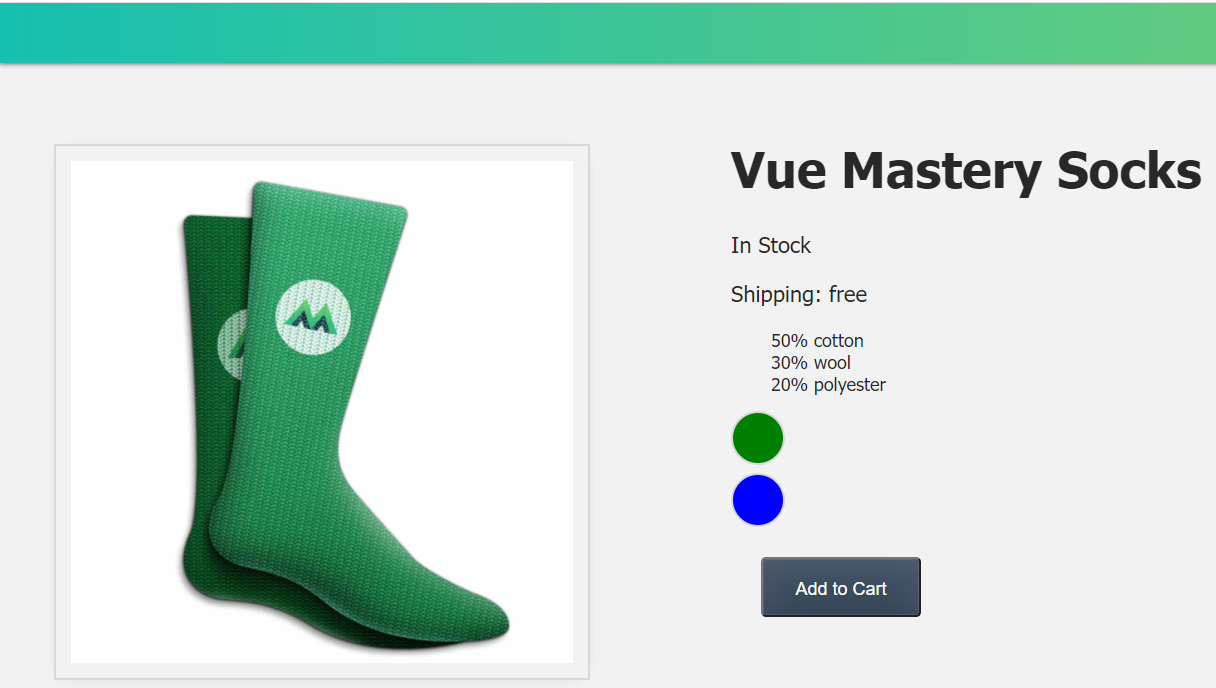
Add shipping property



Add to computed:



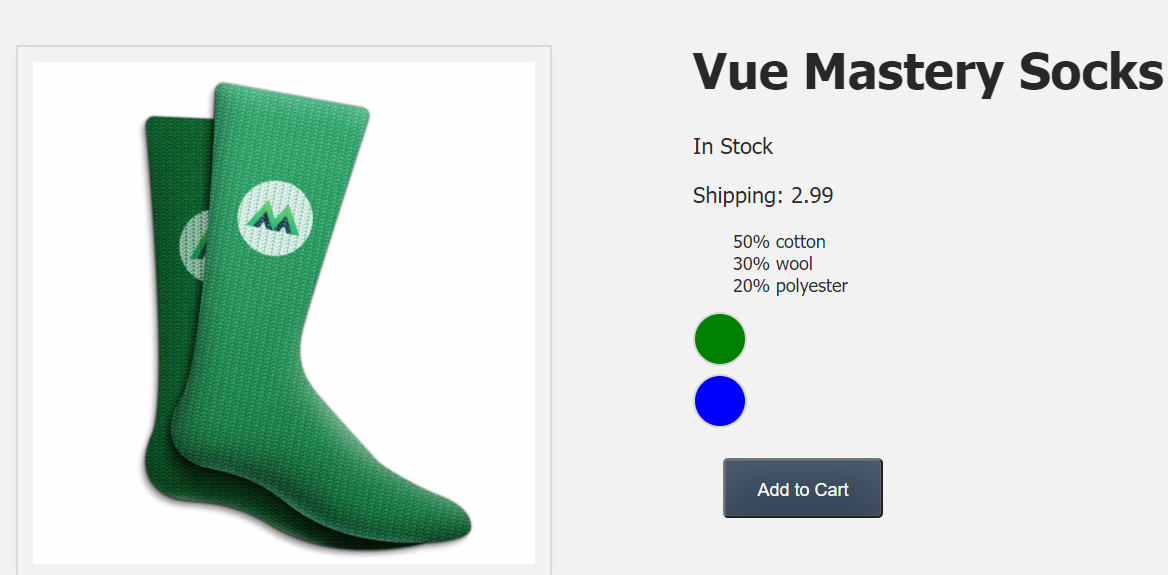
Check the browser:

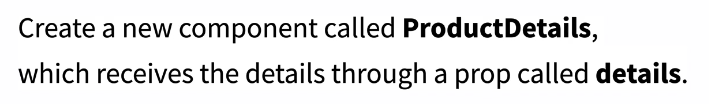


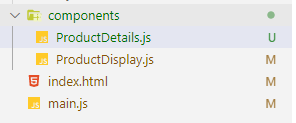
Double check this by changing premium to false



Check the browser:



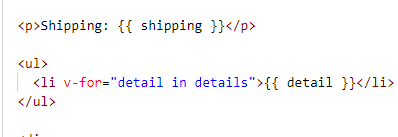




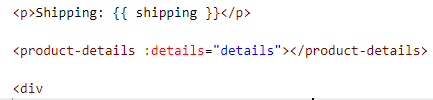
Create the prop



Remove from ProductDisplay.js <ul> </ul> which is in the code above:



And replace with:



Add the import:



View in Browser:

