Week 7

Components enable us to divide the user interface into independent and reusable sections and consider each item separately. An app is frequently arranged as a tree of nested components. This is comparable to nesting native HTML elements, but Vue has its own component model that allows us to encapsulate bespoke information and behaviour in each component. Vue works well with native Web Components as well.

```
1  <script>
2  import ButtonCounter from './ButtonCounter.vue'
3
4  export default {
5    components: {
6      ButtonCounter
7    }
8  }
9  </script>
10
11 <template>
12   <h1>Here are many child components!</h1>
13   <ButtonCounter />  <br> <br>
14   <ButtonCounter /> <br> <br>
15   <ButtonCounter /> <br> <br>
16 </template>
```

Result:

Here are many child components!

You clicked me 6 times.

You clicked me 6 times.

You clicked me 9 times.