

Vue JS do jeito ninja - Aulas 1 a 15

Tiago Matos

<https://www.youtube.com/watch?v=07-TvnH7XNo&list=PLcoYAcR89n-qg1vGRbaUiV6Q9puy0qigW>

Resumo do curso feito por Roberto Pinheiro

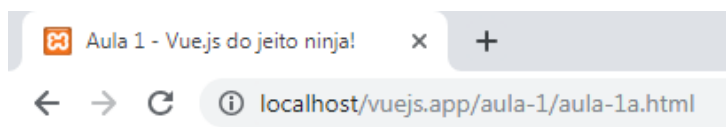
Aula 1 - Instalando Vue.js e reatividade

Diretório:

[vuejs.app/aula-1](#)

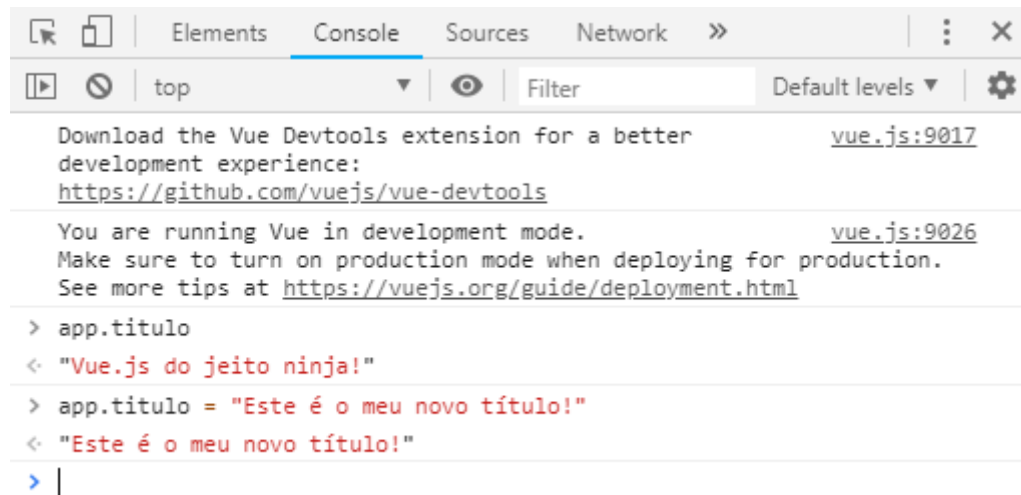
aula-1/aula-1a.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Aula 1 - Vue.js do jeito ninja!</title>
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      data: {
        titulo: "Vue.js do jeito ninja!"
      }
    });
  </script>
</body>
</html>
```



Vue.js do jeito ninja!

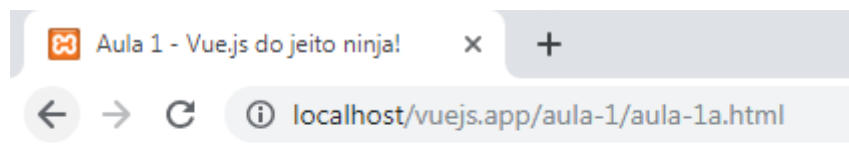
Utilizando o Google Chrome, clique na tecla **<F12>**, e na aba **Console**, entre com:



```
Download the Vue Devtools extension for a better development experience: vue.js:9017
https://github.com/vuejs/vue-devtools

You are running Vue in development mode. vue.js:9026
Make sure to turn on production mode when deploying for production.
See more tips at https://vuejs.org/guide/deployment.html

> app.titulo
< "Vue.js do jeito ninja!"
> app.titulo = "Este é o meu novo título!"
< "Este é o meu novo título!"
> |
```



Este é o meu novo título!

Aula 2 - Diretivas no Vue.js

Diretivas basicamente são extensões da linguagem HTML que permitem a implementação de comportamentos.

Ou seja, elas facilitam o trabalho fazendo com que você faça coisas que seria preciso escrever muito javascript por exemplo.

O trabalho de uma diretiva é aplicar reativamente efeitos colaterais ao DOM, ou seja, realizar algum efeito quando o valor da expressão é modificado.

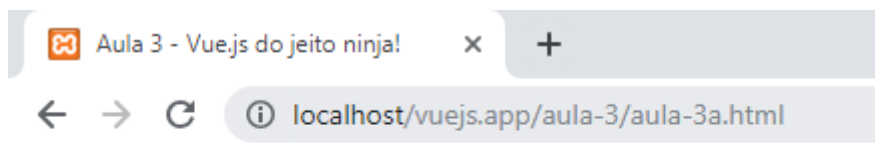
Adicionalmente ao conjunto de diretivas incluídas em seu núcleo (v-model e v-show), Vue permite que você crie suas próprias diretivas personalizadas.

No Vue.js, a diretiva começa sempre com **v-**

Aula 3 - Diretivas v-show, v-if, v-else

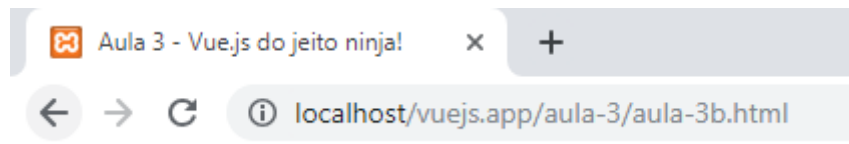
aula-3/aula-3a.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Aula 3 - Vue JS do jeito ninja!</title>
</head>
<body>
  <div id="app">
    <h1 v-if="status">{{ titulo }}</h1>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      data: {
        status: false,
        titulo: "Vue JS do jeito ninja!"
      }
    });
  </script>
</body>
</html>
```



aula-3/aula3b.html

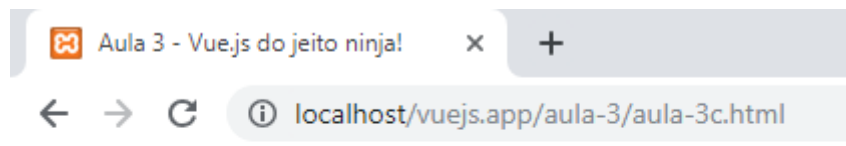
```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Aula 3 - Vue JS do jeito ninja!</title>
</head>
<body>
  <div id="app">
    <h1 v-if="status">{{ titulo }}</h1>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      data: {
        status: true,
        titulo: "Vue JS do jeito ninja!"
      }
    });
  </script>
</body>
</html>
```



Vue.js do jeito ninja!

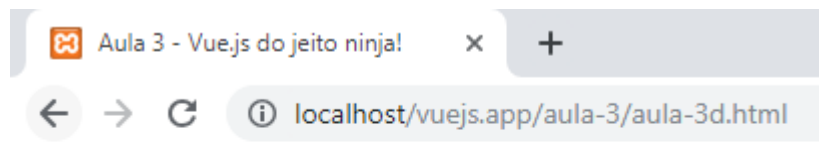
aula-3/aula3c.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Aula 3 - Vue JS do jeito ninja!</title>
</head>
<body>
  <div id="app">
    <h1 v-show="status">{{ titulo }}</h1>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      data: {
        status: false,
        titulo: "Vue JS do jeito ninja!"
      }
    });
  </script>
</body>
</html>
```



aula-3/aula3d.html

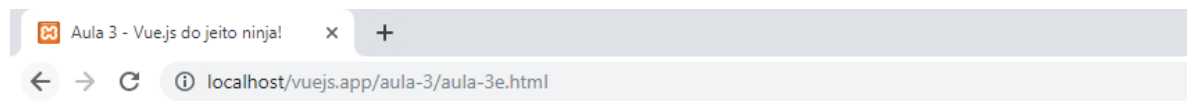
```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Aula 3 - Vue JS do jeito ninja!</title>
</head>
<body>
  <div id="app">
    <h1 v-show="status">{{ titulo }}</h1>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      data: {
        status: true,
        titulo: "Vue JS do jeito ninja!"
      }
    });
  </script>
</body>
</html>
```



Vue.js do jeito ninja!

aula-3/aula3e.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Aula 3 - Vue.js do jeito ninja!</title>
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>
    <p v-show="texto">Lorem ipsum dolor sit amet consectetur adipiscing, elit habitant penatibus
    orci nascetur nec, ex etiam ultrices lectus felis. Suspendisse a vehicula dis bibendum massa cursus
    semper eros pretium aptent, nam quis conubia viverra interdum netus ornare praesent facilisi
    commodo, malesuada accumsan tempus et elementum lectus fames ex neque. Hendrerit adipiscing
    finibus potenti cubilia torquent pulvinar a cras fames vestibulum tempus, cursus mollis auctor nisl
    quam netus posuere tincidunt arcu elit. Donec magna sociosqu arcu torquent felis cras ornare
    rhoncus augue, cubilia vitae congue orci porttitor eleifend tristique netus, mattis dis eget aenean
    vehicula convallis a imperdiet. Conubia ridiculus lectus imperdiet cubilia hac dapibus dui adipiscing
    cursus, tempus venenatis donec neque suspendisse commodo litora hendrerit ornare, pretium sit
    senectus facilisis morbi nisl pharetra taciti.</p>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      data: {
        texto: true,
        titulo: "Vue.js do jeito ninja!"
      }
    });
  </script>
</body>
</html>
```

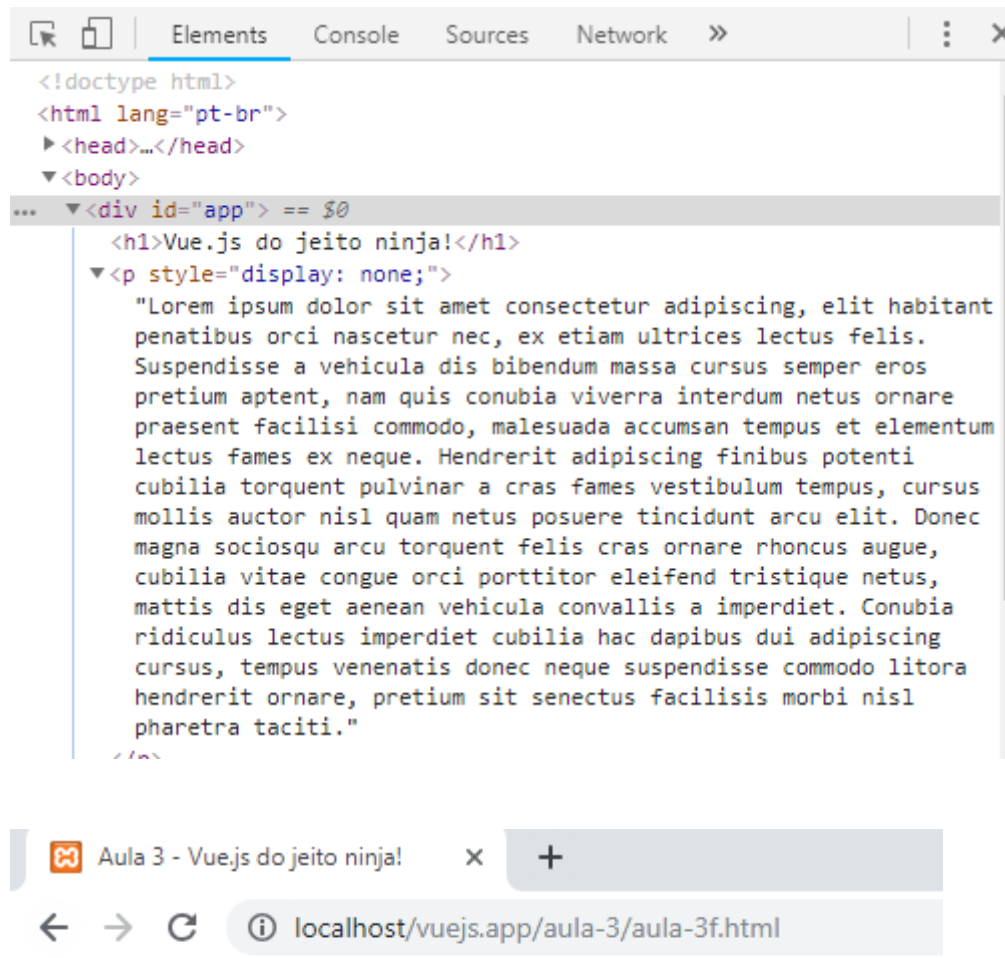


Vue.js do jeito ninja!

Lorem ipsum dolor sit amet consectetur adipiscing, elit habitant penatibus orci nascetur nec, ex etiam ultrices lectus felis. Suspendisse a vehicula dis bibendum massa cursus semper eros pretium aptent, nam quis conubia viverra interdum netus ornare praesent facilisi commodo, malesuada accumsan tempus et elementum lectus fames ex neque. Hendrerit adipiscing finibus potenti cubilia torquent pulvinar a cras fames vestibulum tempus, cursus mollis auctor nisl quam netus posuere tincidunt arcu elit. Donec magna sociosqu arcu torquent felis cras ornare rhoncus augue, cubilia vitae congue orci porttitor eleifend tristique netus, mattis dis eget aenean vehicula convallis a imperdiet. Conubia ridiculus lectus imperdiet cubilia hac dapibus dui adipiscing cursus, tempus venenatis donec neque suspendisse commodo litora hendrerit ornare, pretium sit senectus facilisis morbi nisl pharetra taciti.

aula-3/aula3f.html

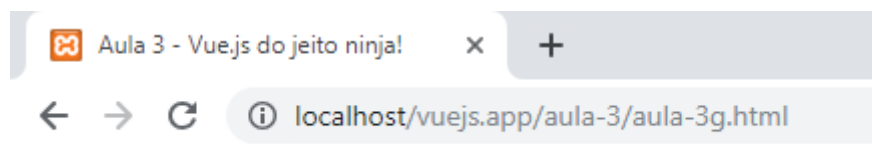
```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Aula 3 - Vue.js do jeito ninja!</title>
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>
    <p v-show="texto">Lorem ipsum dolor sit amet consectetur adipiscing, elit habitant penatibus
    orci nascetur nec, ex etiam ultrices lectus felis. Suspendisse a vehicula dis bibendum massa cursus
    semper eros pretium aptent, nam quis conubia viverra interdum netus ornare praesent facilisi
    commodo, malesuada accumsan tempus et elementum lectus fames ex neque. Hendrerit adipiscing
    finibus potenti cubilia torquent pulvinar a cras fames vestibulum tempus, cursus mollis auctor nisl
    quam netus posuere tincidunt arcu elit. Donec magna sociosqu arcu torquent felis cras ornare
    rhoncus augue, cubilia vitae congue orci porttitor eleifend tristique netus, mattis dis eget aenean
    vehicula convallis a imperdiet. Conubia ridiculus lectus imperdiet cubilia hac dapibus dui adipiscing
    cursus, tempus venenatis donec neque suspendisse commodo litora hendrerit ornare, pretium sit
    senectus facilisis morbi nisl pharetra taciti.</p>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      data: {
        texto: false,
        titulo: "Vue.js do jeito ninja!"
      }
    });
  </script>
</body>
</html>
```



Vue.js do jeito ninja!

aula-3/aula3g.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Aula 3 - Vue.js do jeito ninja!</title>
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>
    <p v-if="texto">Lorem ipsum dolor sit amet consectetur adipiscing, elit
    habitant penatibus orci nascetur nec, ex etiam ultrices lectus felis. Suspendisse a
    vehicula dis bibendum massa cursus semper eros pretium aptent, nam quis
    conubia viverra interdum netus ornare praesent facilisi commodo, malesuada
    accumsan tempus et elementum lectus fames ex neque. Hendrerit adipiscing
    finibus potenti cubilia torquent pulvinar a cras fames vestibulum tempus, cursus
    mollis auctor nisl quam netus posuere tincidunt arcu elit. Donec magna sociosqu
    arcu torquent felis cras ornare rhoncus augue, cubilia vitae congue orci porttitor
    eleifend tristique netus, mattis dis eget aenean vehicula convallis a imperdiet.
    Conubia ridiculus lectus imperdiet cubilia hac dapibus dui adipiscing cursus,
    tempus venenatis donec neque suspendisse commodo litora hendrerit ornare,
    pretium sit senectus facilisis morbi nisl pharetra taciti.</p>
    <p v-else>Não há textos a serem apresentados!</p>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      data: {
        texto: false,
        titulo: "Vue.js do jeito ninja!"
      }
    });
  </script>
</body>
</html>
```

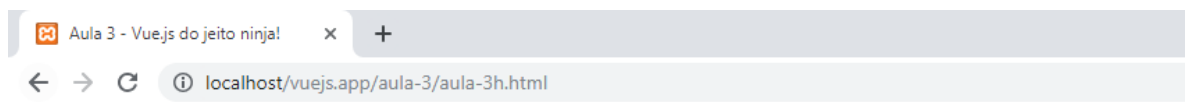


Vue.js do jeito ninja!

Não há textos a serem apresentados!

aula-3/aula3h.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Aula 3 - Vue.js do jeito ninja!</title>
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>
    <p v-if="texto">Lorem ipsum dolor sit amet consectetur adipiscing, elit
    habitant penatibus orci nascetur nec, ex etiam ultrices lectus felis. Suspendisse a
    vehicula dis bibendum massa cursus semper eros pretium aptent, nam quis
    conubia viverra interdum netus ornare praesent facilisi commodo, malesuada
    accumsan tempus et elementum lectus fames ex neque. Hendrerit adipiscing
    finibus potenti cubilia torquent pulvinar a cras fames vestibulum tempus, cursus
    mollis auctor nisl quam netus posuere tincidunt arcu elit. Donec magna sociosqu
    arcu torquent felis cras ornare rhoncus augue, cubilia vitae congue orci porttitor
    eleifend tristique netus, mattis dis eget aenean vehicula convallis a imperdiet.
    Conubia ridiculus lectus imperdiet cubilia hac dapibus dui adipiscing cursus,
    tempus venenatis donec neque suspendisse commodo litora hendrerit ornare,
    pretium sit senectus facilisis morbi nisl pharetra taciti.</p>
    <p v-else>Não há textos a serem apresentados!</p>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      data: {
        texto: true,
        titulo: "Vue.js do jeito ninja!"
      }
    });
  </script>
</body>
</html>
```



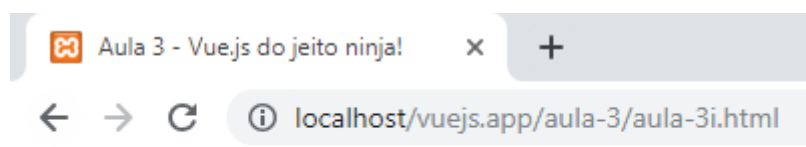
Vue.js do jeito ninja!

Lorem ipsum dolor sit amet consectetur adipiscing, elit habitant penatibus orci nascetur nec, ex etiam ultrices lectus felis. Suspendisse a vehicula dis bibendum massa cursus semper eros pretium aptent, nam quis conubia viverra interdum netus ornare praesent facilisi commodo, malesuada accumsan tempus et elementum lectus fames ex neque. Hendrerit adipiscing finibus potenti cubilia torquent pulvinar a cras fames vestibulum tempus, cursus mollis auctor nisl quam netus posuere tincidunt arcu elit. Donec magna sociosqu arcu torquent felis cras ornare rhoncus augue, cubilia vitae congue orci porttitor eleifend tristique netus, mattis dis eget aenean vehicula convallis a imperdiet. Conubia ridiculus lectus imperdiet cubilia hac dapibus dui adipiscing cursus, tempus venenatis donec neque suspendisse commodo litora hendrerit ornare, pretium sit senectus facilisis morbi nisl pharetra taciti.

aula-3/aula3i.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Aula 3 - Vue.js do jeito ninja!</title>
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>
    <div>
      Id: {{usuario.id}}<br>
      Nome: {{usuario.nome}}<br>
      Profissao: {{usuario.profissao}}
    </div>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>

  <script>
    var app = new Vue({
      el: "#app",
      data: {
        titulo: "Vue.js do jeito ninja!",
        usuario: {
          id: 1,
          nome: 'Jon Snow',
          profissao: 'Ator'
        }
      }
    });
  </script>
</body>
</html>
```



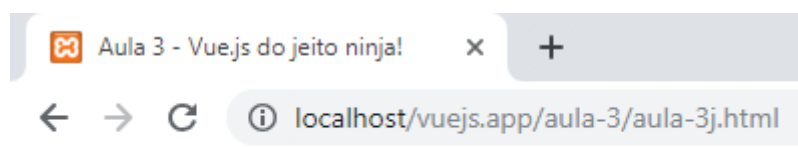
Vue.js do jeito ninja!

Id: 1
Nome: Jon Snow
Profissao: Ator

aula-3/aula3j.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Aula 3 - Vue.js do jeito ninja!</title>
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>
    <div v-if="usuario.id==1">
      Id: {{usuario.id}}<br>
      Nome: {{usuario.nome}}<br>
      Profissao: {{usuario.profissao}}
    </div>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>

  <script>
    var app = new Vue({
      el: "#app",
      data: {
        titulo: "Vue.js do jeito ninja!",
        usuario: {
          id: 1,
          nome: 'Jon Snow',
          profissao: 'Ator'
        }
      }
    });
  </script>
</body>
</html>
```



Vue.js do jeito ninja!

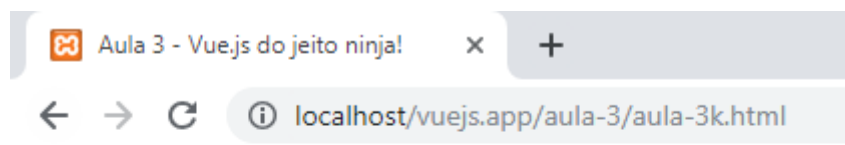
Id: 1
Nome: Jon Snow
Profissao: Ator

aula-3/aula3k.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Aula 3 - Vue.js do jeito ninja!</title>
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>
    <div v-if="usuario.id==1">
      Id: {{usuario.id}}<br>
      Nome: {{usuario.nome}}<br>
      Profissao: {{usuario.profissao}}
    </div>
    <div v-else>
      Nenhum usuário com Id = {{usuario.id}}
    </div>
  </div>

  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>

  <script>
    var app = new Vue({
      el: "#app",
      data: {
        titulo: "Vue.js do jeito ninja!",
        usuario: {
          id: 2,
          nome: 'Jon Snow',
          profissao: 'Ator'
        }
      }
    });
  </script>
</body>
</html>
```



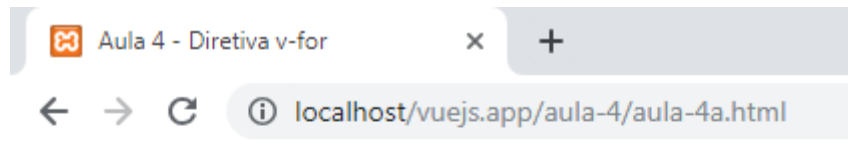
Vue.js do jeito ninja!

Nenhum usuário com Id = 2

Aula 4 - Diretiva v-for

aula-4/aula4a.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Aula 4 - Diretiva v-for</title>
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>
    <ul>
      <li v-for="item in linguagens">
        {{ item }}
      </li>
    </ul>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      data: {
        titulo: "Vue.js do jeito ninja!",
        linguagens: [
          {nome: "Javascript"},
          {nome: "PHP"},
          {nome: "C#"},
          {nome: "Java"},
          {nome: "Python"}
        ]
      }
    });
  </script>
</body>
</html>
```

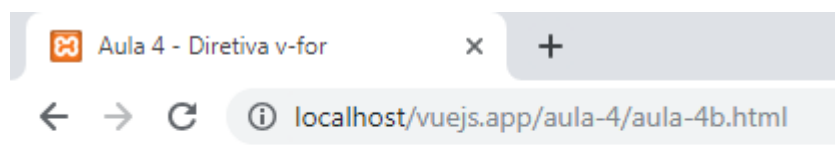



Vue.js do jeito ninja!

- { "nome": "Javascript" }
- { "nome": "PHP" }
- { "nome": "C#" }
- { "nome": "Java" }
- { "nome": "Python" }

aula-4/aula4b.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Aula 4 - Diretiva v-for</title>
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>
    <ul>
      <li v-for="item in linguagens">
        {{ item.nome }}
      </li>
    </ul>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      data: {
        titulo: "Vue.js do jeito ninja!",
        linguagens: [
          {nome: "Javascript"},
          {nome: "PHP"},
          {nome: "C#"},
          {nome: "Java"},
          {nome: "Python"}
        ]
      }
    });
  </script>
</body>
</html>
```

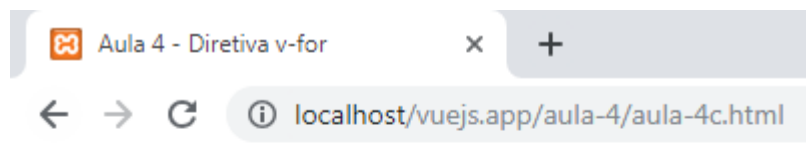


Vue.js do jeito ninja!

- Javascript
- PHP
- C#
- Java
- Python

aula-4/aula4c.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Aula 4 - Diretiva v-for</title>
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>
    <ul>
      <li v-for="(item, index) in linguagens">
        {{ index }} - {{ item.nome }}
      </li>
    </ul>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      data: {
        titulo: "Vue.js do jeito ninja!",
        linguagens: [
          {nome: "Javascript"},
          {nome: "PHP"},
          {nome: "C#"},
          {nome: "Java"},
          {nome: "Python"}
        ]
      }
    });
  </script>
</body>
</html>
```



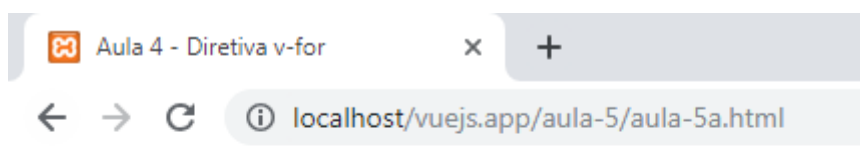
Vue.js do jeito ninja!

- 0 - Javascript
- 1 - PHP
- 2 - C#
- 3 - Java
- 4 - Python

Aula 5 - Diretiva v-model

aula-5/aula5a.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Aula 4 - Diretiva v-for</title>
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>
    <input type="text" v-model="nome" > {{ nome }}
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      data: {
        titulo: "Vue.js do jeito ninja!",
        nome: ""
      }
    });
  </script>
</body>
</html>
```



Vue.js do jeito ninja!

Roberto Pinheiro Roberto Pinheiro

aula-5/aula5a.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Aula 5 - Diretiva v-model</title>
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>

    <label for="nome">Nome: </label>
    <input type="text" id="nome" v-model="nome"> <br><br>

    <label for="telefone">Telefone: </label>
    <input type="text" id="telefone" v-model="telefone"> <br><br>

    <label for="">Deseja receber nossas novidades? </label><br>
    <input type="radio" value="Sim" v-model="novidades">Sim
    <input type="radio" value="Não" v-model="novidades">Não

    <br><br>

    <label for="">Como nos conheceu? </label><br>
    <select v-model="conheceu">
      <option v-model="conheceu" value="">Escolha</option>
      <option v-model="conheceu" value="Gooogle">Google</option>
      <option v-model="conheceu" value="TV">TV</option>
      <option v-model="conheceu" value="Revista">Revista</option>
    </select>

    <br><br>
    <label for="">Interesses: </label><br>
    <input type="checkbox" value="Futebol" v-model="interesses">Futebol <br>
    <input type="checkbox" value="Fórmula 1" v-model="interesses">Fórmula 1<br>
    <input type="checkbox" value="Corrida" v-model="interesses">Corrida

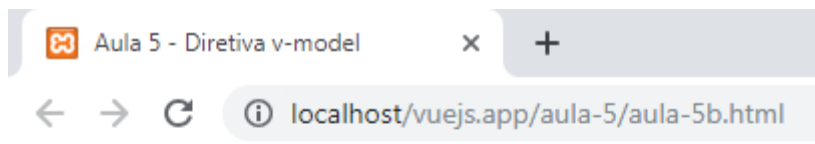
    <br><br>

    <button>Enviar</button>

    <br><br>
    <hr>
    <br>

    <ul>
      <li>Nome: {{ nome }}</li>
      <li>Telefone: {{ telefone }}</li>
      <li>Novidades: {{ novidades }}</li>
      <li>Interesses: {{ interesses }}</li>
      <li>Como nos conheceu?: {{ conhecido }}</li>
    </ul>
  </div>
<script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
```

```
<script>
  var app = new Vue({
    el: "#app",
    data: {
      titulo: "Vue.js do jeito ninja!",
      nome: "",
      telefone: "",
      novidades: "",
      interesses: [],
      conheceu: ""
    }
  });
</script>
</body>
</html>
```



Vue.js do jeito ninja!

Nome:

Telefone:

Deseja receber nossas novidades?

☒ Sim ☐ Não

Como nos conheceu?

Interesses:

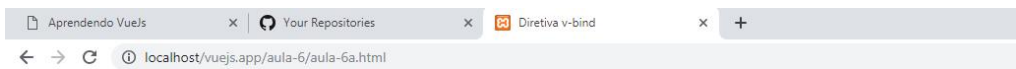
- ☒ Futebol
- ☒ Fórmula 1
- ☒ Corrida

-
- Nome: Roberto Pinheiro
 - Telefone: 99900=1122
 - Novidades: Sim
 - Interesses: ["Futebol", "Fórmula 1", "Corrida"]
 - Como nos conheceu?: Google

Aula 6 - Diretiva v-bind

aula-6/aula6a.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Diretiva v-bind</title>
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>
    
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      data: {
        titulo: "Vue.js do jeito ninja!",
        imagem: "vue-js.jpg",
        alt: "Vue.js is awesome!"
      }
    });
  </script>
</body>
</html>
```



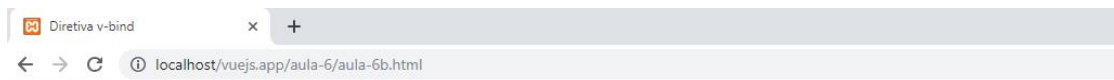
Vue.js do jeito ninja!



```
Elements Console Sources Network >> 3 X
<!doctype html>
<html lang="pt-br">
  <head>...</head>
  <body>
    <div id="app"> == $0
      <h1>Vue.js do jeito ninja!</h1>
      
    </div>
    <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
```


aula-6/aula6b.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Diretiva v-bind</title>
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>
    
    </div>
    <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
    <script>
      var app = new Vue({
        el: "#app",
        data: {
          titulo: "Vue.js do jeito ninja!",
          imagem: "vue-js.jpg",
          alt: "Vue.js is awesome!"
        }
      });
    </script>
  </body>
</html>
```

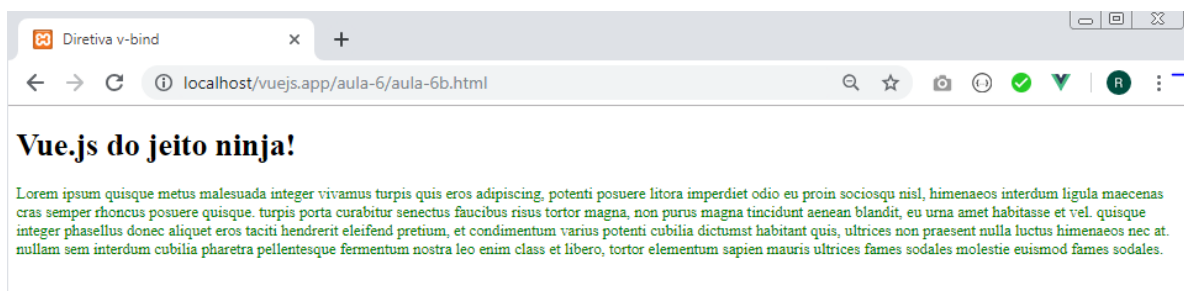


Vue.js do jeito ninja!



aula-6/aula6c.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Diretiva v-bind</title>
  <style>
    .red{
      color: red;
    }
    .green{
      color: green;
    }
  </style>
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>
    <p :class="classHtml">Lorem ipsum quisque metus malesuada integer vivamus
    turpis quis eros adipiscing, potenti posuere litora imperdiet odio eu proin sociosqu nisl,
    himenaeos interdum ligula maecenas cras semper rhoncus posuere quisque. turpis porta
    curabitur senectus faucibus risus tortor magna, non purus magna tincidunt aenean
    blandit, eu urna amet habitasse et vel. quisque integer phasellus donec aliquet eros taciti
    hendrerit eleifend pretium, et condimentum varius potenti cubilia dictumst habitant quis,
    ultrices non praesent nulla luctus himenaeos nec at. nullam sem interdum cubilia
    pharetra pellentesque fermentum nostra leo enim class et libero, tortor elementum
    sapien mauris ultrices fames sodales molestie euismod fames sodales.</p>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      data: {
        titulo: "Vue.js do jeito ninja!",
        classHtml: "green"
      }
    });
  </script>
</body>
</html>
```

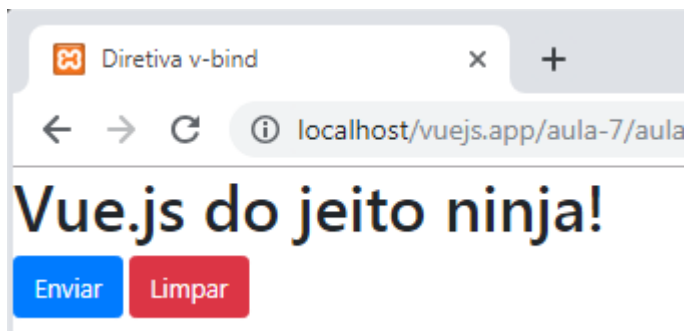


Aula 7 - Diretiva v-bind class e style

aula-7/aula7a.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Diretiva v-bind</title>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
  <style>
    .red{
      color: red;
    }
    .green{
      color: green;
    }
  </style>
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>

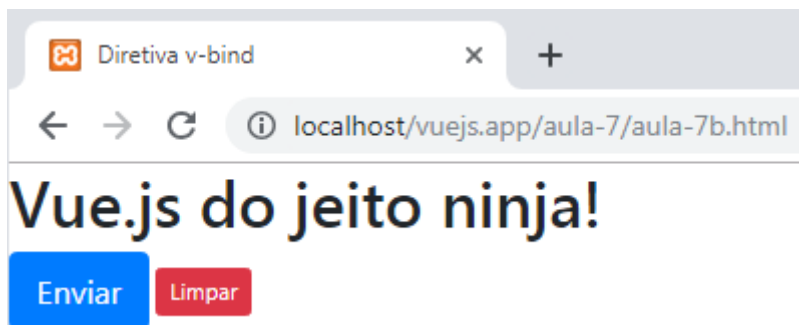
    <button class="btn" v-bind:class="btnClassEnviar">Enviar</button>
    <button class="btn" v-bind:class="btnClassLimpar">Limpar</button>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      data: {
        titulo: "Vue.js do jeito ninja!",
        btnClassEnviar: "btn-primary",
        btnClassLimpar: "btn-danger"
      }
    });
  </script>
</body>
</html>
```



aula-7/aula7b.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Diretiva v-bind</title>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
  <style>
    .red{
      color: red;
    }
    .green{
      color: green;
    }
  </style>
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>

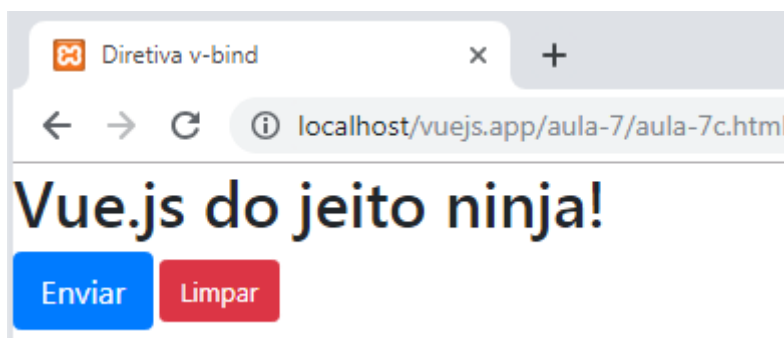
    <button class="btn" v-bind:class="btnClassEnviar">Enviar</button>
    <button class="btn" v-bind:class="btnClassLimpar">Limpar</button>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      data: {
        titulo: "Vue.js do jeito ninja!",
        btnClassEnviar: {
          'btn-primary': true,
          'btn-lg': true
        },
        btnClassLimpar: {
          'btn-danger': true,
          'btn-sm': true
        }
      }
    });
  </script>
</body>
</html>
```



aula-7/aula7c.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Diretiva v-bind</title>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
  <style>
    .red{
      color: red;
    }
    .green{
      color: green;
    }
  </style>
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>

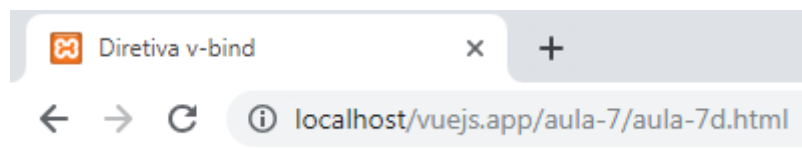
    <button class="btn" v-bind:class="btnClassEnviar">Enviar</button>
    <button class="btn" v-bind:class="btnClassLimpar">Limpar</button>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      data: {
        titulo: "Vue.js do jeito ninja!",
        btnClassEnviar: {
          'btn-primary': true,
          'btn-lg': true
        },
        btnClassLimpar: {
          'btn-danger': true,
          'btn-sm': false
        }
      }
    });
  </script>
</body>
</html>
```



aula-7/aula7d.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Diretiva v-bind</title>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
  <style>
    .red{
      color: red;
    }
    .green{
      color: green;
    }
  </style>
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>

    <button class="btn" v-bind:class="btnClassEnviar">Enviar</button>
    <button class="btn" v-bind:class="btnClassLimpar">Limpar</button>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      data: {
        titulo: "Vue.js do jeito ninja!",
        btnClassEnviar: {
          'btn-primary': true,
          'btn-lg': true
        },
        btnClassLimpar: [
          'btn-danger', 'btn-sm'
        ]
      }
    });
  </script>
</body>
</html>
```



Vue.js do jeito ninja!

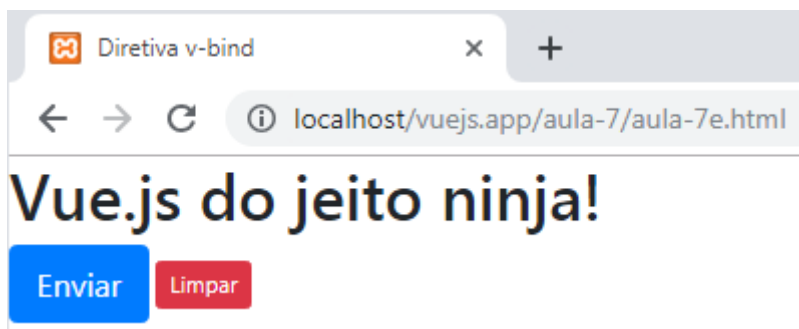
Enviar

Limpar

aula-7/aula7e.html

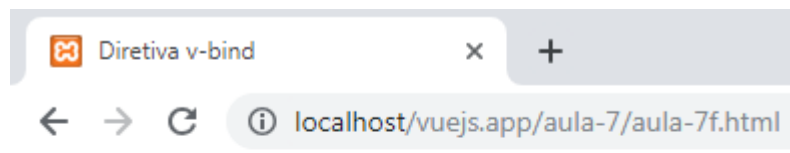
```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Diretiva v-bind</title>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
  <style>
    .red{
      color: red;
    }
    .green{
      color: green;
    }
  </style>
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>

    <button class="btn" v-bind:class="btnClassEnviar">Enviar</button>
    <button class="btn" v-bind:class="btnClassLimpar">Limpar</button>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      data: {
        titulo: "Vue.js do jeito ninja!",
        btnClassEnviar: {
          'btn-primary': true,
          'btn-lg': true
        },
        btnClassLimpar: [
          'btn-danger', {'btn-sm': true}
        ]
      }
    });
  </script>
</body>
</html>
```



aula-7/aula7f.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Diretiva v-bind</title>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
  <style>
    .red{
      color: red;
    }
    .green{
      color: green;
    }
  </style>
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>
    <button class="btn"
v-bind:class="btnClassEnviar"
v-bind:style="btnStyleEnviar">Enviar</button>
    <button class="btn"
v-bind:class="btnClassLimpar"
v-bind:style="btnStyleLimpar">Limpar</button>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      data: {
        titulo: "Vue.js do jeito ninja!",
        btnClassEnviar: {
          'btn-primary': true,
          'btn-lg': true
        },
        btnClassLimpar: [
          'btn-danger', {'btn-sm': true}
        ],
        btnStyleEnviar: 'font-size: 50px',
        btnStyleLimpar: 'font-size: 10px'
      }
    });
  </script>
</body>
</html>
```

Vue.js do jeito ninja!

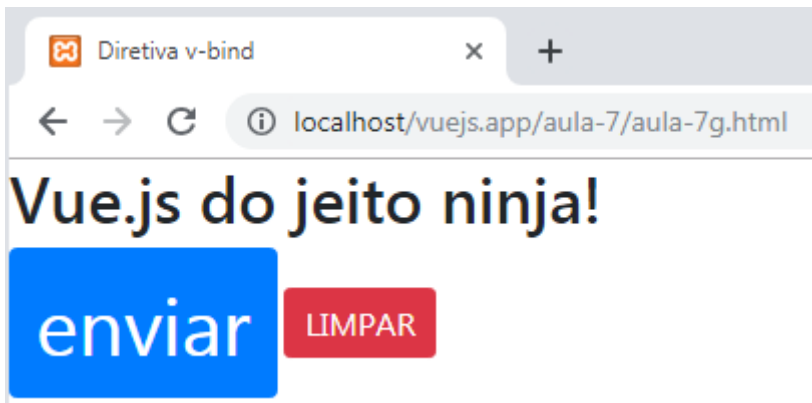
Enviar

Limpar

aula-7/aula7g.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Diretiva v-bind</title>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
  <style>
    .red{
      color: red;
    }
    .green{
      color: green;
    }
  </style>
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>

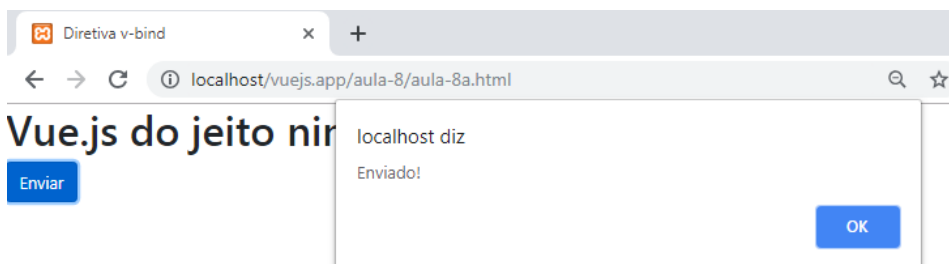
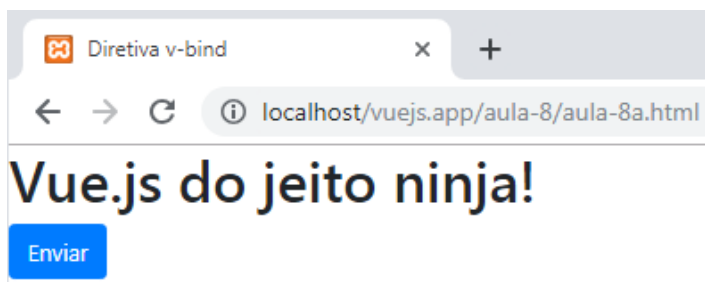
    <button class="btn"
: class="btnClassEnviar"
: style="btnStyleEnviar">Enviar</button>
    <button class="btn"
: class="btnClassLimpar"
: style="btnStyleLimpar">Limpar</button>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      data: {
        titulo: "Vue.js do jeito ninja!",
        btnClassEnviar: {
          'btn-primary': true,
          'btn-lg': true
        },
        btnClassLimpar: [
          'btn-danger', {'btn-sm': false}
        ],
        btnStyleEnviar: {
          'font-size': '50px',
          'text-transform': 'lowercase'
        },
        btnStyleLimpar: {
          'font-size': '20px',
          'text-transform': 'uppercase'
        }
      }
    });
  </script>
</body>
</html>
```



Aula 8 - Diretiva v-on

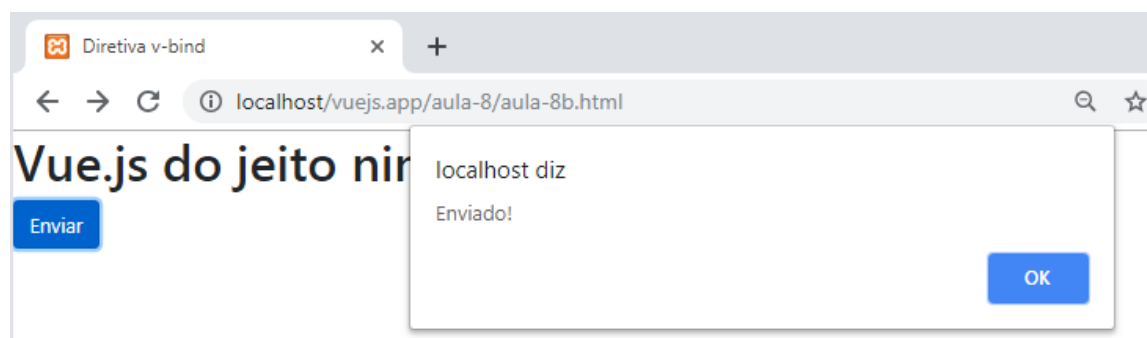
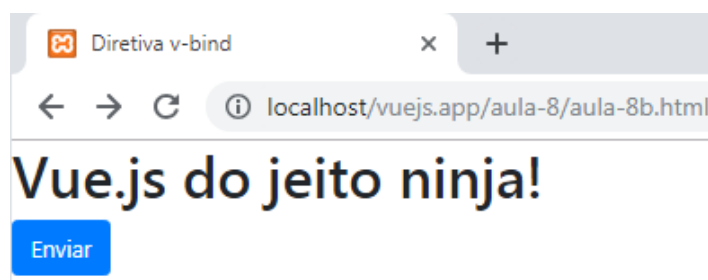
aula-8/aula8a.html

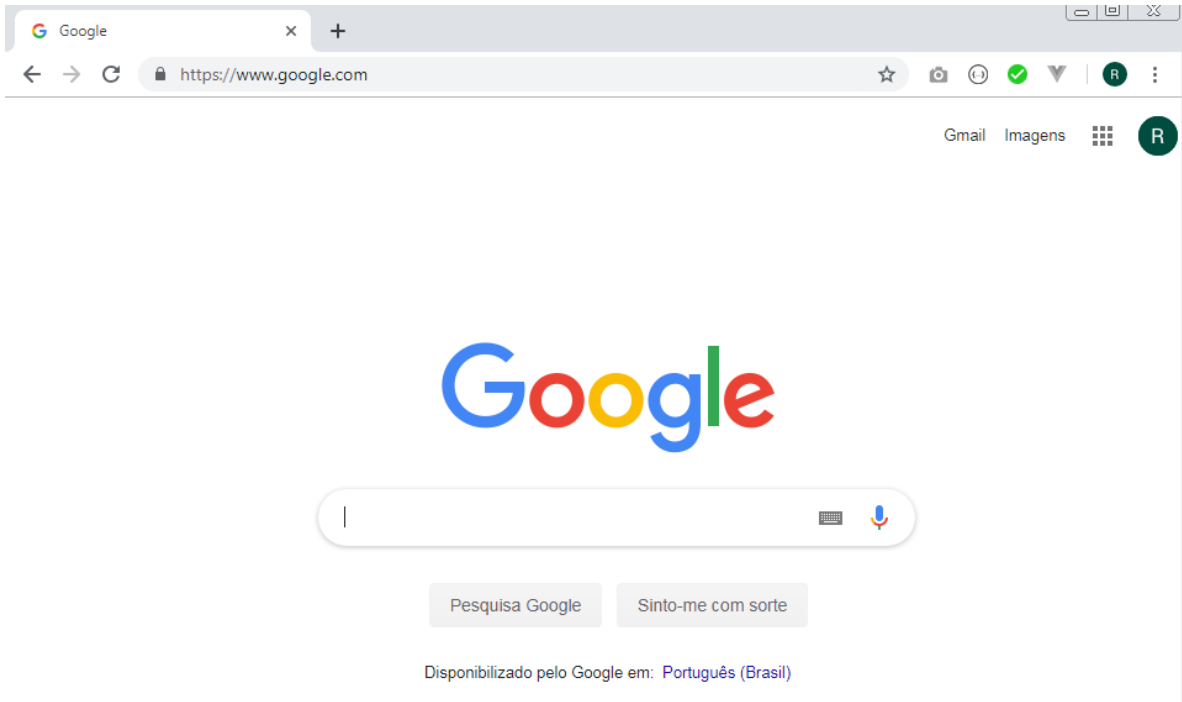
```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Diretiva v-on</title>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>
    <button class="btn btn-primary" v-on:click="enviar()">Enviar</button>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      data: {
        titulo: "Vue.js do jeito ninja!",
      },
      methods:{
        enviar(){
          alert('Enviado!');
        }
      }
    });
  </script>
</body>
</html>
```



aula-8/aula8b.html

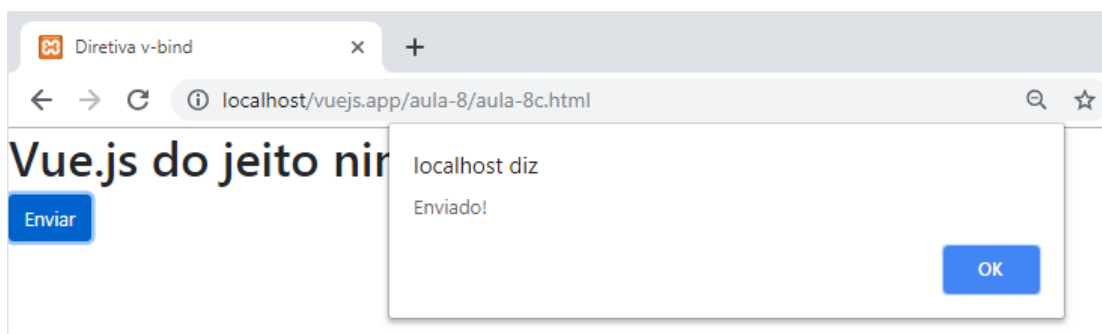
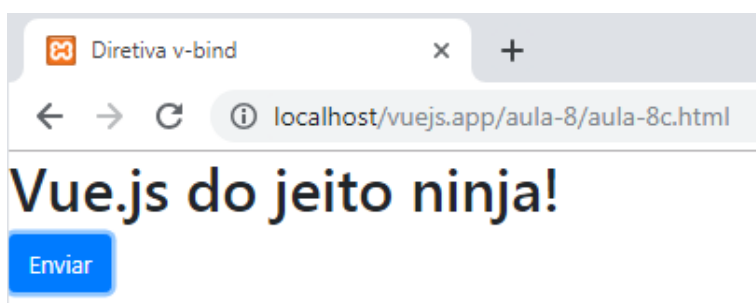
```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Diretiva v-on</title>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>
    <form action="http://google.com">
      <button type="submit" class="btn btn-primary"
v-on:click="enviar()">Enviar</button>
    </form>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      data: {
        titulo: "Vue.js do jeito ninja!",
      },
      methods: {
        enviar(){
          alert('Enviado!');
        }
      }
    });
  </script>
</body>
</html>
```

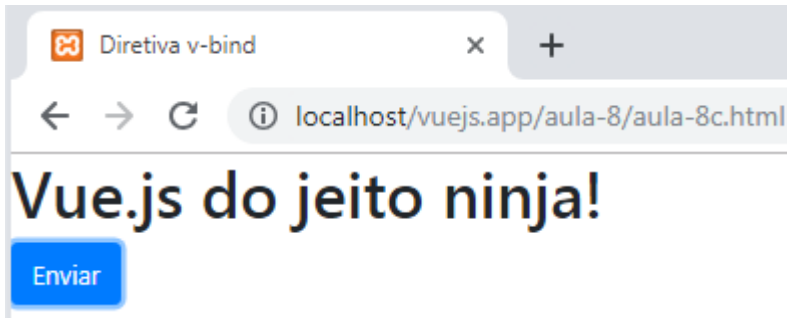




aula-8/aula8c.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Diretiva v-on</title>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>
    <form action="http://google.com">
      <button type="submit" class="btn btn-primary"
@click.prevent.stop="enviar()">Enviar</button>
    </form>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      data: {
        titulo: "Vue.js do jeito ninja!",
      },
      methods: {
        enviar(){
          alert('Enviado!');
        }
      }
    });
  </script>
</body>
</html>
```

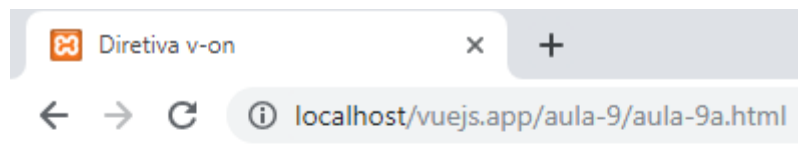




Aula 9 - Vue.js - Filters

aula-9/aula9a.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Diretiva v-on</title>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>
    <div v-for="usuario in usuarios">
      <ul>
        <li>{{ usuario.nome | toUpperCase() }}</li>
      </ul>
    </div>
    <form action="http://google.com">
      <button type="submit" class="btn btn-primary"
@click.prevent.stop="enviar()">Enviar</button>
    </form>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      data: {
        titulo: "Vue.js do jeito ninja!",
        usuarios: [
          {nome: "Jon Snow"},
          {nome: "Tyrion Lannister"},
          {nome: "Daenerys Targarien"}
        ]
      },
      filters: {
        toUpperCase(str){
          return str.toUpperCase();
        }
      },
      methods: {
        enviar(){
          alert('Enviado!');
        }
      }
    });
  </script>
</body>
</html>
```



Vue.js do jeito ninja!

- JON SNOW
- TYRION LANNISTER
- DAENERYS TARGARIEN

Enviar

aula-9/aula9b.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Diretiva v-on</title>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>
    <div v-for="usuario in usuarios">
      <ul>
        <li>{{ usuario.nome | truncate('5') }}</li>
      </ul>
    </div>
    <form action="http://google.com">
      <button type="submit" class="btn btn-primary"
@click.prevent.stop="enviar()">Enviar</button>
    </form>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      data: {
        titulo: "Vue.js do jeito ninja!",
        usuarios: [
          {nome: "Jon Snow"},
          {nome: "Tyrion Lannister"},
          {nome: "Daenerys Targarien"}
        ]
      },
      filters: {
        toUpperCase(str){
          return str.toUpperCase();
        },
        truncate(str, length){
          return str.substring(0,length);
        }
      },
      methods: {
        enviar(){
          alert('Enviado!');
        }
      }
    });
  </script>
</body>
</html>
```



Diretiva v-on



localhost/vuejs.app/aula-9/aula-9b.html

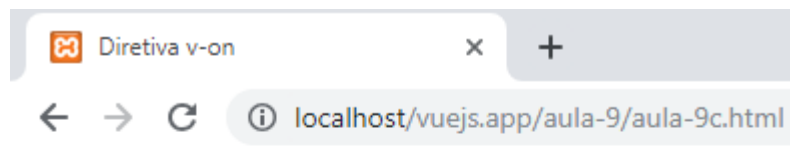
Vue.js do jeito ninja!

- Jon S
- Tyrio
- Daene

Enviar

aula-9/aula9c.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Filters</title>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>
    <div v-for="usuario in usuarios">
      <ul>
        <li>{{ usuario.nome | truncate('10') }}</li>
      </ul>
    </div>
    <form action="http://google.com">
      <button type="submit" class="btn btn-primary"
@click.prevent.stop="enviar()">Enviar</button>
    </form>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      data: {
        titulo: "Vue.js do jeito ninja!",
        usuarios: [
          {nome: "Jon Snow"},
          {nome: "Tyrion Lannister"},
          {nome: "Daenerys Targarien"}
        ]
      },
      filters: {
        toUpperCase(str){
          return str.toUpperCase();
        },
        truncate(str, length){
          var out = str;
          if(out.length > length){
            return str.substring(0,length) + '...';
          }
          return out;
        }
      },
      methods: {
        enviar(){
          alert('Enviado!');
        }
      }
    });
  </script>
</body>
</html>
```



Vue.js do jeito ninja!

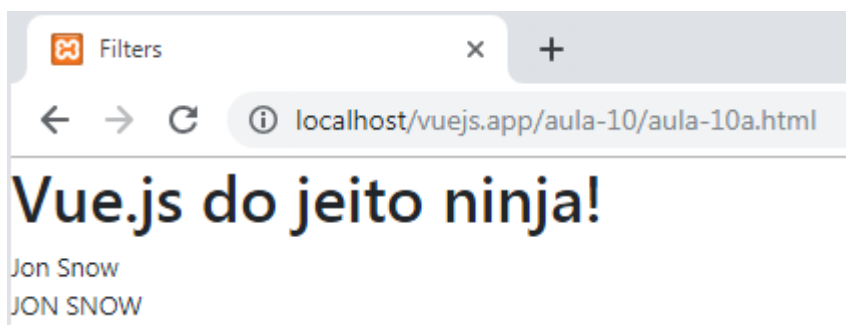
- Jon Snow
- Tyrion Lan...
- Daenerys T...

Enviar

Aula 10 - Propriedades computed e watch

aula-10/aula-10a.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Computed e Watch</title>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>
    {{ nome }}<br />
    {{ toUpperCase }}
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      data: {
        titulo: "Vue.js do jeito ninja!",
        nome: "Jon Snow"
      },
      computed: {
        toUpperCase(){
          return this.nome.toUpperCase();
        }
      },
      filters: {},
      methods: {}
    });
  </script>
</body>
</html>
```



aula-10/aula-10b.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Computed e Watch</title>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>
    {{ nome }}<br />
    {{ toUpperCase }}
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      data: {
        titulo: "Vue.js do jeito ninja!",
        nome: "Jon Snow"
      },
      computed: {
        toUpperCase(){
          return this.nome.toUpperCase();
        }
      },
      watch: {
        nome(newValue, oldValue){
          console.log('newValue', newValue);
          console.log('oldValue', oldValue);
        }
      },
      filters:{},
      methods:{}
    });
  </script>
</body>
</html>
```



```
Download the Vue Devtools extension vue.js:9031  
for a better development experience:  
https://github.com/vuejs/vue-devtools  
  
You are running Vue in development vue.js:9040  
mode.  
Make sure to turn on production mode when  
deploying for production.  
See more tips at https://vuejs.org/guide/deployme  
nt.html  
  
> app.nome  
< "Jon Snow"  
  
> app.nome = "Tiago Matos";  
newValue Tiago Matos aula-10b.html:29  
oldValue Jon Snow aula-10b.html:30  
< "Tiago Matos"  
> |
```

Filters

localhost/vuejs.app/aula-10/aula-10b.html

Vue.js do jeito ninja!

Tiago Matos
TIAGO MATOS

aula-10/aula-10c.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Computed e Watch</title>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>
    {{ fullName }}
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",

      data: {
        titulo: "Vue.js do jeito ninja!",
        firstName: "",
        lastName: "",
        fullName: ""
      },

      computed: {

      },

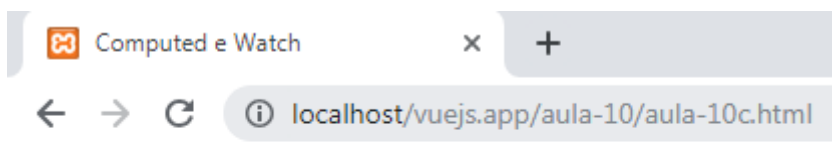
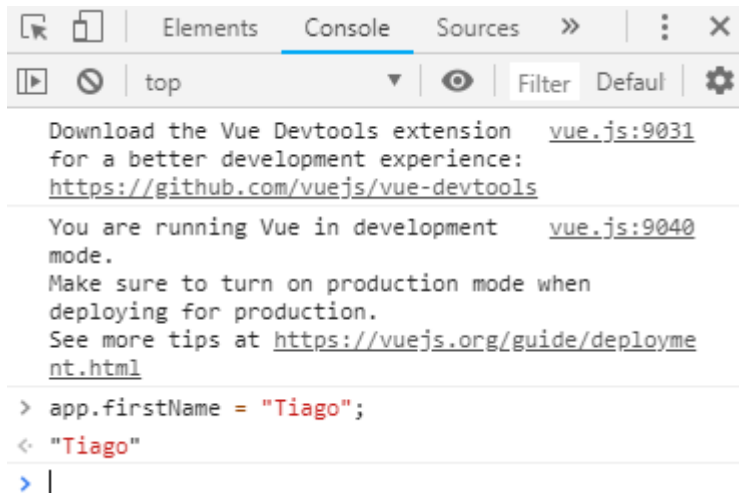
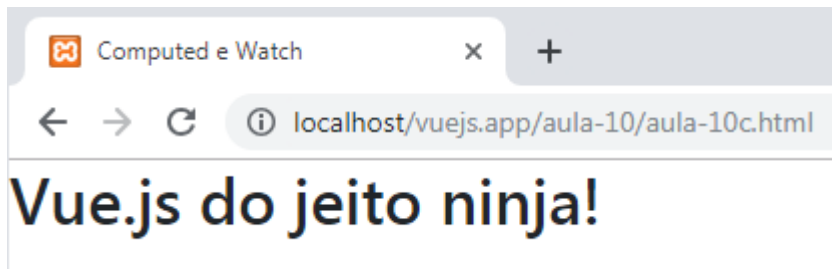
      watch: {
        firstName(newValue){
          this.fullName = newValue + ' ' + this.lastName;
        },
        lastName(newValue){
          this.fullName = this.firstName + ' ' + newValue;
        }
      },

      filters:{

      },

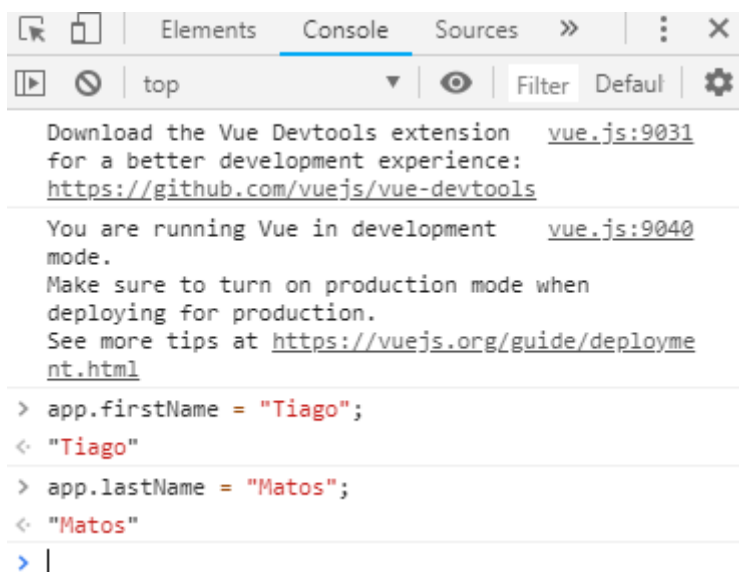
      methods:{

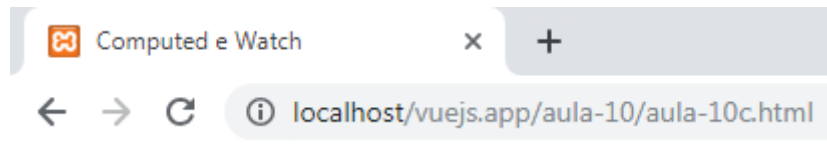
      }
    });
  </script>
</body>
</html>
```



Vue.js do jeito ninja!

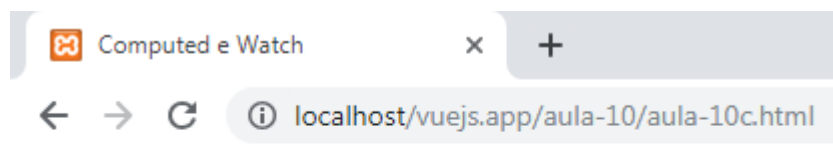
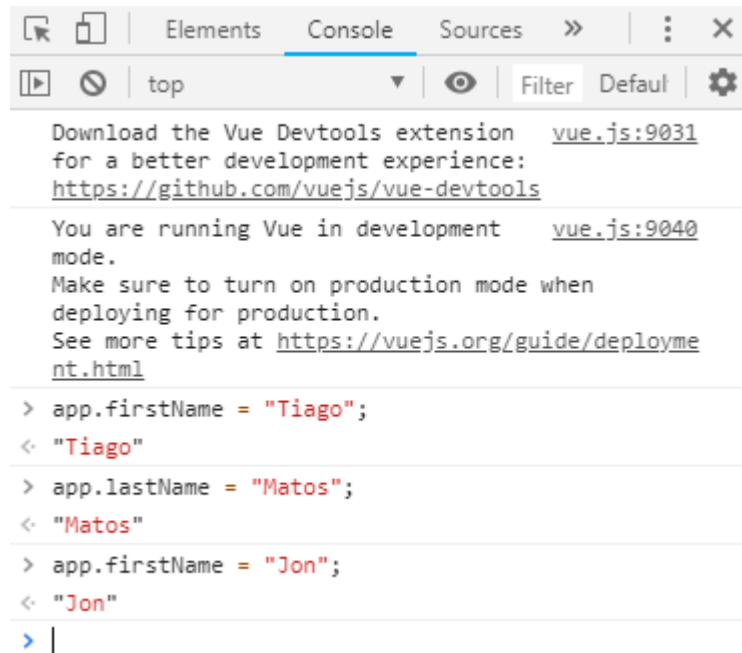
Tiago





Vue.js do jeito ninja!

Tiago Matos



Vue.js do jeito ninja!

Jon Matos

aula-10/aula-10d.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Computed e Watch</title>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>
    {{ fullName }}
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",

      data: {
        titulo: "Vue.js do jeito ninja!",
        firstName: "",
        lastName: "",
        // fullName: ""
      },

      computed: {
        fullName(){
          return this.firstName + ' ' + this.lastName;
        }
      },

      watch: {
        firstName(newValue){
          this.updateUser();
        },
      },

      filters:{

      },

      methods:{
        updateUser(){
          console.log('Usuário atualizado!');
        }
      }
    });
  </script>
</body>
</html>
```

Elements Console Sources » ⋮ ✕

▶ 🔍 top 🔍 Filter Default ⚙

Download the Vue Devtools extension [vue.js:9031](#)
for a better development experience:
<https://github.com/vuejs/vue-devtools>

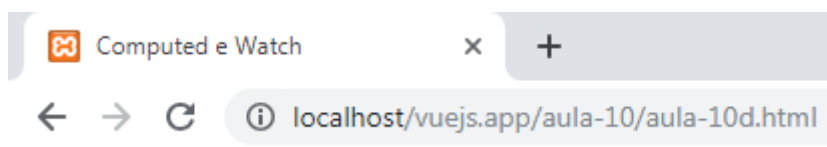
You are running Vue in development [vue.js:9040](#)
mode.
Make sure to turn on production mode when
deploying for production.
See more tips at <https://vuejs.org/guide/deployement.html>

> app.firstName = "Jon";

Usuário atualizado! [aula-10d.html:46](#)

< "Jon"

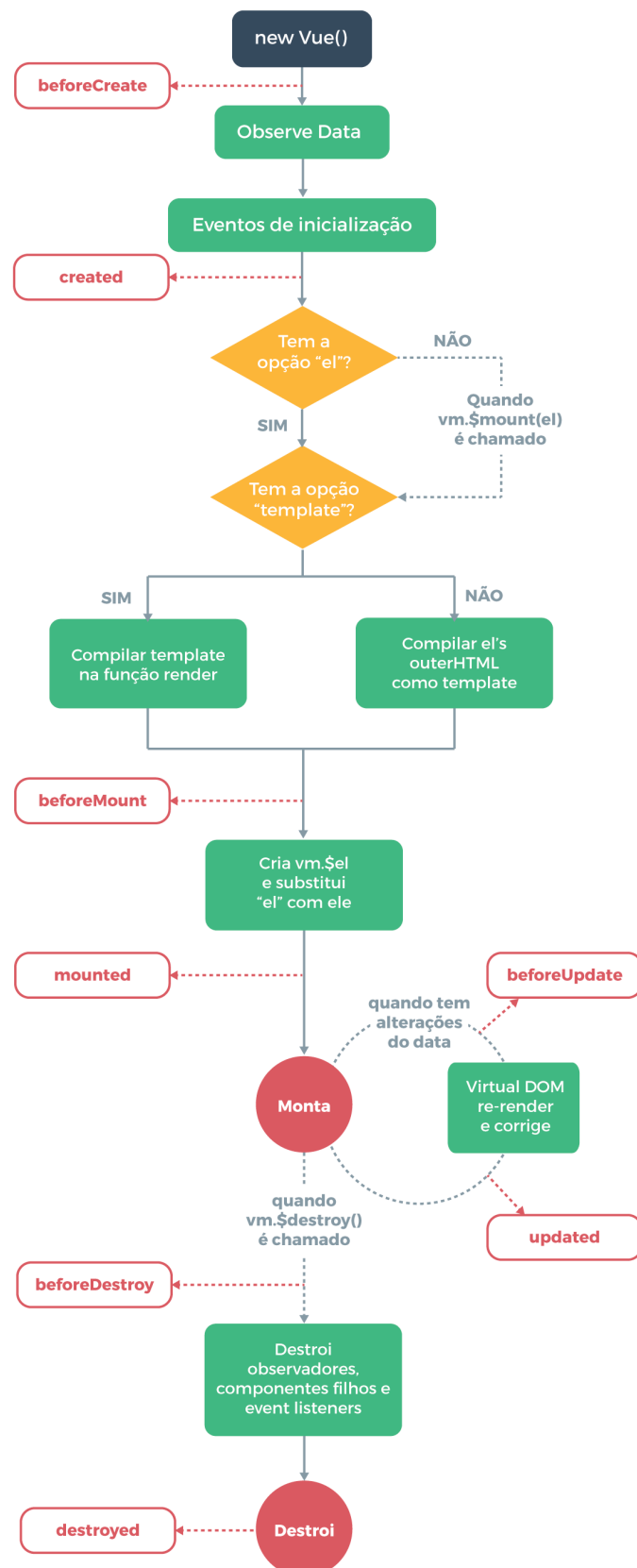
> |



Vue.js do jeito ninja!

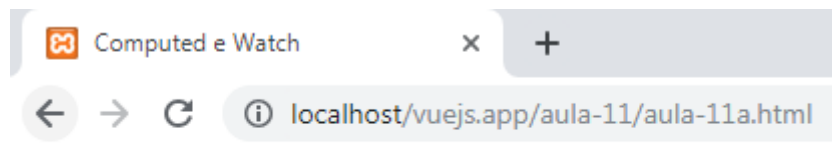
Jon

Aula 11 - Lifecycle Hooks



aula-11/aula-11a.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Computed e Watch</title>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      beforeCreate(){
        console.log('beforeCreate');
      },
      created(){
        console.log('created');
      },
      beforeMount(){
        console.log('beforeMount');
      },
      mounted(){
        console.log('mounted');
      },
      beforeUpdate(){
        console.log('beforeUpdate');
      },
      updated(){
        console.log('updated');
      },
      data: {
        titulo: "Vue.js do jeito ninja!",
      },
      computed: {
      },
      watch: {
      },
      filters:{
      },
      methods:{
      }
    });
  </script>
</body>
</html>
```

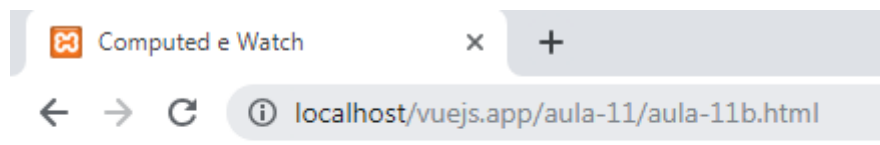



Vue.js do jeito ninja!

	Elements	Console	Sources	»	:	X
▶	🚫	top ▼	👁	Filter	Default	⚙
beforeCreate		aula-11a.html:18				
created		aula-11a.html:22				
beforeMount		aula-11a.html:26				
mounted		aula-11a.html:30				

aula-11/aula-11b.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Computed e Watch</title>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    var app = new Vue({
      el: "#app",
      beforeCreate(){
        console.log('beforeCreate');
        console.log('titulo', this.titulo);
        console.log('el', this.$el);
      },
      created(){
        console.log('created');
        console.log('titulo', this.titulo);
        console.log('el', this.$el);
      },
      beforeMount(){
        console.log('beforeMount');
        console.log('titulo', this.titulo);
        console.log('el', this.$el);
      },
      mounted(){
        console.log('mounted');
        console.log('titulo', this.titulo);
        console.log('el', this.$el);
      },
      beforeUpdate(){
        console.log('beforeUpdate');
      },
      updated(){
        console.log('updated');
      },
      data: {
        titulo: "Vue.js do jeito ninja!",
      },
      computed: {
      },
      watch: {
      },
      filters:{
      },
      methods:{
      }
    });
  </script>
</body>
</html>
```

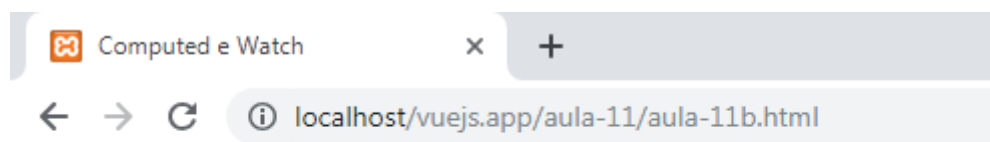


Vue.js do jeito ninja!

Elements	Console	Sources	Filter	Default	Settings
top					
beforeCreate	aula-11b.html:18				
titulo undefined	aula-11b.html:19				
el undefined	aula-11b.html:20				
created	aula-11b.html:24				
titulo Vue.js do jeito ninja!	aula-11b.html:25				
el undefined	aula-11b.html:26				
beforeMount	aula-11b.html:30				
titulo Vue.js do jeito ninja!	aula-11b.html:31				
el <div id="app">...</div>	aula-11b.html:32				
mounted	aula-11b.html:36				
titulo Vue.js do jeito ninja!	aula-11b.html:37				
el <div id="app">...</div>	aula-11b.html:38				

Alterando o título

Elements	Console	Sources	Filter	Default levels	Settings
top					
> app.titulo = "Vue.js do jeito ninja - Live Cycle!";					
beforeUpdate	aula-11b.html:42				
updated	aula-11b.html:46				
< "Vue.js do jeito ninja - Live Cycle!"					
>					

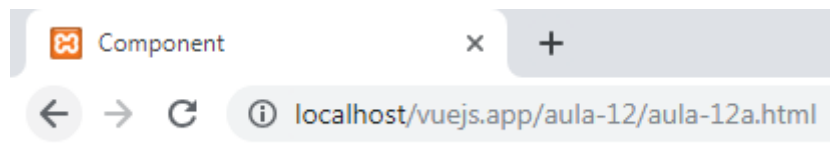


Vue.js do jeito ninja - Live Cycle!

Aula 12 - Componentes

aula-12/aula-12a.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Component</title>
  <link rel="stylesheet"
    href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>
    <menu-bar></menu-bar>
  </div>
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    Vue.component('menu-bar', {
      template: "<ul><li>Item 1</li><li>Item 2</li></ul>"
    });
    var app = new Vue({
      el: "#app",
      data: {
        titulo: "Vue.js do jeito ninja!",
      },
      computed: {
      },
      watch: {
      },
      filters:{
      },
      methods:{
      }
    });
  </script>
</body>
</html>
```



Vue.js do jeito ninja!

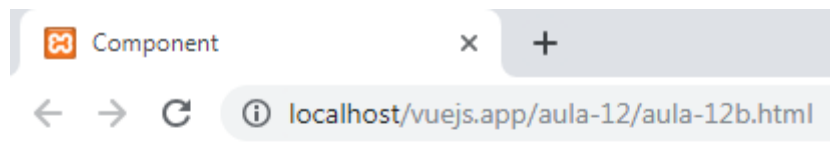
- Item 1
- Item 2

aula-12/aula-12b.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Component</title>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
</head>
<body>
  <div id="app">
    <h1>{{ titulo }}</h1>
    <menu-bar></menu-bar>
    <menu-bar></menu-bar>
    <menu-bar></menu-bar>
  </div>

  <template id="menu">
    <ul>
      <li>Item 1</li>
      <li>Item 2</li>
      <li>Item 3</li>
    </ul>
  </template>

  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
  <script>
    Vue.component('menu-bar', {
      template: "#menu"
    });
    var app = new Vue({
      el: "#app",
      data: {
        titulo: "Vue.js do jeito ninja!",
      },
      computed: {
      },
      watch: {
      },
      filters:{
      },
      methods:{
      }
    });
  </script>
</body>
</html>
```



Vue.js do jeito ninja!

- Item 1
- Item 2
- Item 3

- Item 1
- Item 2
- Item 3

- Item 1
- Item 2
- Item 3

Aula 13 - Componentes pais e filhos

aula-13/aula-13a.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Componentes pais e filhos</title>
  <link rel="stylesheet"
    href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
</head>
<body>

  <div id="app">
    <nav-bar></nav-bar>
  </div>

  <template id="nav">
    <nav class="navbar navbar-expand-lg navbar-light bg-light">
      <a class="navbar-brand" href="#">Navbar</a>
      <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#conteudoNavbarSuportado" aria-controls="conteudoNavbarSuportado" aria-
expanded="false" aria-label="Alternar navegação">
        <span class="navbar-toggler-icon"></span>
      </button>

      <div class="collapse navbar-collapse" id="conteudoNavbarSuportado">
        <menu-bar></menu-bar>
        <form class="form-inline my-2 my-lg-0">
          <input class="form-control mr-sm-2" type="search" placeholder="Pesquisar" aria-
label="Pesquisar">
          <button class="btn btn-outline-success my-2 my-sm-0" type="submit">Pesquisar</button>
        </form>
      </div>
    </nav>
  </template>

  <template id="menu">
    <ul class="navbar-nav mr-auto">
      <li class="nav-item active">
        <a class="nav-link" href="#">Home <span class="sr-only">(página atual)</span></a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#">Link</a>
      </li>
      <li class="nav-item">
        <a class="nav-link disabled" href="#">Desativado</a>
      </li>
    </ul>
  </template>
```



```
<script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
<script>

  Vue.component('nav-bar', {
    template: "#nav"
  });

  Vue.component('menu-bar', {
    template: "#menu"
  });

  var app = new Vue({
    el: "#app",
    data: {
      titulo: "Vue.js do jeito ninja!",
    },

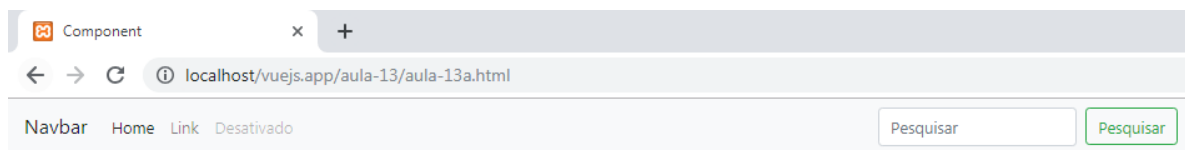
    computed: {
    },

    watch: {
    },

    filters:{

    },

    methods:{
    }
  });
</script>
</body>
</html>
```



Aula 14 - Transferindo dados entre componentes pais e filhos

Enviando dados do componente pai para o filho

aula-14/aula-14a.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Transferência de dados entre Componentes pais e filhos</title>
  <link rel="stylesheet"
    href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
</head>
<body>

  <div id="app">
    <nav-bar></nav-bar><br><br>
    <menu-bar></menu-bar>
  </div>

  <template id="nav">
    <nav class="navbar navbar-expand-lg navbar-light bg-light">
      <a class="navbar-brand" href="#">Navbar</a>
      <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#conteudoNavbarSuportado" aria-controls="conteudoNavbarSuportado" aria-
expanded="false" aria-label="Alterna navegação">
        <span class="navbar-toggler-icon"></span>
      </button>

      <div class="collapse navbar-collapse" id="conteudoNavbarSuportado">
        <menu-bar :items="{ { label:'Home' }, { label:'Link' }, { label:'Disabled' } }"></menu-bar>
        <form class="form-inline my-2 my-lg-0">
          <input class="form-control mr-sm-2" type="search" placeholder="Pesquisar" aria-
label="Pesquisar">
          <button class="btn btn-outline-success my-2 my-sm-0" type="submit">Pesquisar</button>
        </form>
      </div>
    </nav>
  </template>

  <template id="menu">
    <ul class="navbar-nav mr-auto">
      <li v-for="item in items" class="nav-item">
        <a class="nav-link" href="#">{{ item.label }}</a>
      </li>
    </ul>
  </template>
```

```

<script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
<script>

  Vue.component('nav-bar', {
    template: "#nav"
  });

  Vue.component('menu-bar', {
    template: "#menu",
    props: ['items']
  });

  var app = new Vue({
    el: "#app",
    data: {
      titulo: "Vue.js do jeito ninja!",
    },

    computed: {
    },

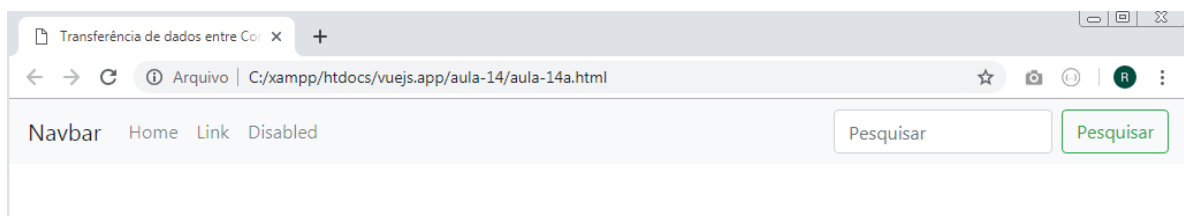
    watch: {
    },

    filters:{

    },

    methods:{
    }
  });
</script>
</body>
</html>

```



aula-14/aula-14b.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Transferência de dados entre Componentes pais e filhos</title>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
</head>
<body>

  <div id="app">
    <nav-bar></nav-bar><br><br>
    <menu-bar></menu-bar>
  </div>

  <template id="nav">
    <nav class="navbar navbar-expand-lg navbar-light bg-light">
      <a class="navbar-brand" href="#">Navbar</a>
      <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#conteudoNavbarSuportado" aria-controls="conteudoNavbarSuportado" aria-
expanded="false" aria-label="Alterna navegação">
        <span class="navbar-toggler-icon"></span>
      </button>

      <div class="collapse navbar-collapse" id="conteudoNavbarSuportado">
        <menu-bar :items="topNav"></menu-bar>
        <form class="form-inline my-2 my-lg-0">
          <input class="form-control mr-sm-2" type="search" placeholder="Pesquisar" aria-
label="Pesquisar">
          <button class="btn btn-outline-success my-2 my-sm-0" type="submit">Pesquisar</button>
        </form>
      </div>
    </nav>
  </template>

  <template id="menu">
    <ul class="navbar-nav mr-auto">
      <li v-for="item in items" class="nav-item">
        <a class="nav-link" href="#">{{ item.label }}</a>
      </li>
    </ul>
  </template>

  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
</script>
```

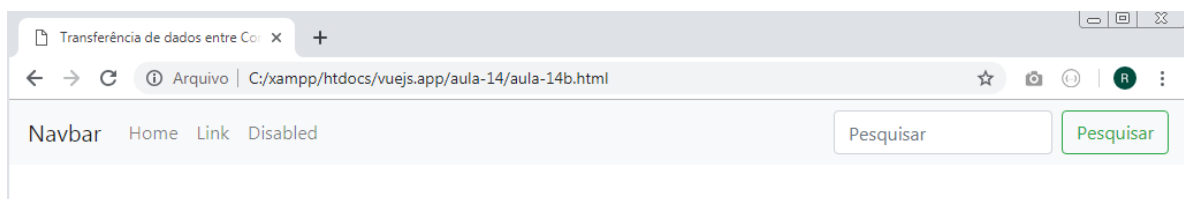
```

Vue.component('nav-bar', {
  template: "#nav",
  data(){
    return {
      topNav: [ { label:'Home' }, { label:'Link' }, { label:'Disabled' } ]
    }
  }
});

Vue.component('menu-bar', {
  template: "#menu",
  props: ['items']
});

var app = new Vue({
  el: "#app",
  data: {
    titulo: "Vue.js do jeito ninja!",
  },
  computed: {
  },
  watch: {
  },
  filters:{
  },
  methods:{
  }
});
</script>
</body>
</html>

```



aula-14/aula-14c.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Transferência de dados entre Componentes pais e filhos</title>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
</head>
<body>

  <div id="app">
    <nav-bar></nav-bar><br><br>
    <menu-bar :items = "[ { label:'A empresa' }, { label:'Serviços' } ]"></menu-bar>
  </div>

  <template id="nav">
    <nav class="navbar navbar-expand-lg navbar-light bg-light">
      <a class="navbar-brand" href="#">Navbar</a>
      <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#conteudoNavbarSuportado" aria-controls="conteudoNavbarSuportado" aria-
expanded="false" aria-label="Alterna navegação">
        <span class="navbar-toggler-icon"></span>
      </button>

      <div class="collapse navbar-collapse" id="conteudoNavbarSuportado">
        <menu-bar :items="topNav"></menu-bar>
        <form class="form-inline my-2 my-lg-0">
          <input class="form-control mr-sm-2" type="search" placeholder="Pesquisar" aria-
label="Pesquisar">
          <button class="btn btn-outline-success my-2 my-sm-0" type="submit">Pesquisar</button>
        </form>
      </div>
    </nav>
  </template>

  <template id="menu">
    <ul class="navbar-nav mr-auto">
      <li v-for="item in items" class="nav-item">
        <a class="nav-link" href="#">{{ item.label }}</a>
      </li>
    </ul>
  </template>

  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
```

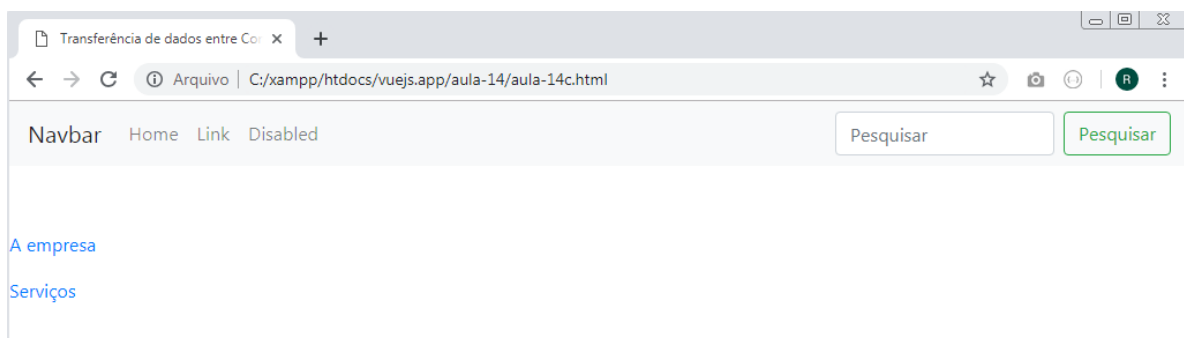
```

<script>
  Vue.component('nav-bar', {
    template: "#nav",
    data(){
      return {
        topNav: [ { label:'Home' }, { label:'Link' }, { label:'Disabled' } ]
      }
    }
  });

  Vue.component('menu-bar', {
    template: "#menu",
    props: {
      items: {
        type: Array,
        required: true
      }
    }
  });

  var app = new Vue({
    el: "#app",
    data: {
      titulo: "Vue.js do jeito ninja!",
    },
    computed: {
    },
    watch: {
    },
    filters:{
    },
    methods:{
    }
  });
</script>
</body>
</html>

```



Enviando dados do componente filho para o pai

aula-14/aula-14d.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Transferência de dados entre Componentes pais e filhos</title>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
</head>
<body>

  <div id="app">
    <nav-bar></nav-bar><br><br>
    <menu-bar :items = "[ { label:'A empresa' }, { label:'Serviços' } ]"></menu-bar>
  </div>

  <template id="nav">
    <nav class="navbar navbar-expand-lg navbar-light bg-light">
      <a class="navbar-brand" href="#">Navbar</a>
      <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#conteudoNavbarSuportado" aria-controls="conteudoNavbarSuportado" aria-
expanded="false" aria-label="Alternar navegação">
        <span class="navbar-toggler-icon"></span>
      </button>

      <div class="collapse navbar-collapse" id="conteudoNavbarSuportado">
        <menu-bar :items="topNav"
        @emit-click="getLink"></menu-bar>
        <form class="form-inline my-2 my-lg-0">
          <input class="form-control mr-sm-2" type="search" placeholder="Pesquisar" aria-
label="Pesquisar">
          <button class="btn btn-outline-success my-2 my-sm-0" type="submit">Pesquisar</button>
        </form>
      </div>
    </nav>
  </template>

  <template id="menu">
    <ul class="navbar-nav mr-auto">
      <li v-for="(item, index) in items" class="nav-item">
        <a @click.stop.prevent="emitClick(index)" class="nav-link" href="#">{{ item.label }}</a>
      </li>
    </ul>
  </template>
```



```

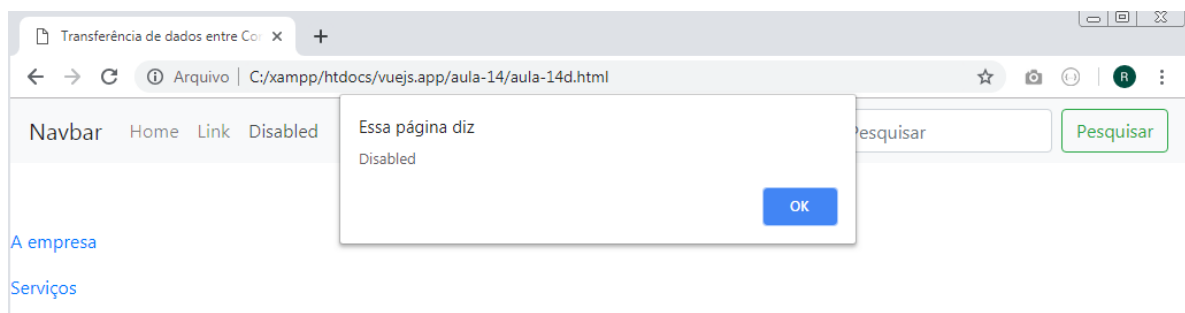
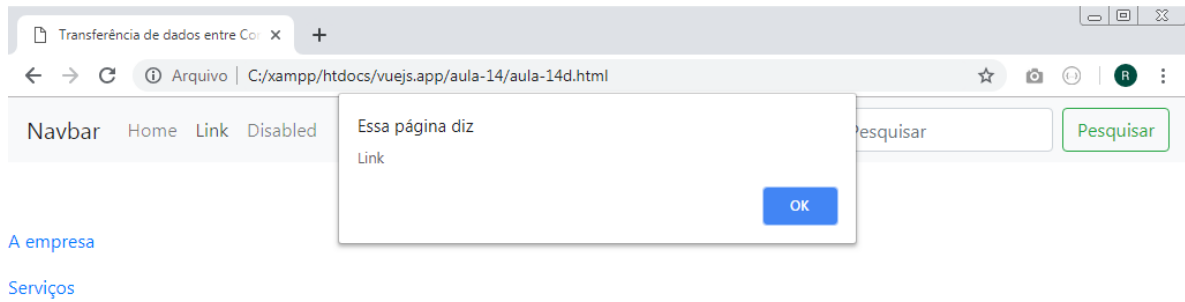
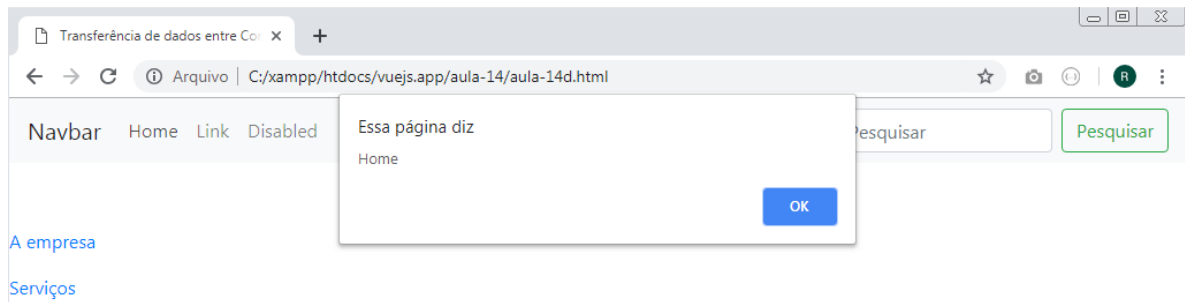
<script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
<script>

Vue.component('nav-bar', {
  template: "#nav",
  data(){
    return {
      topNav: [ { label:'Home' }, { label:'Link' }, { label:'Disabled' } ]
    }
  },
  methods:{
    getLink(index){
      alert(this.topNav[index].label);
    }
  }
});

Vue.component('menu-bar', {
  template: "#menu",
  props: {
    items: {
      type: Array,
      required: true
    }
  },
  methods:{
    emitClick(index){
      this.$emit('emit-click', index);
    }
  }
});

var app = new Vue({
  el: "#app",
  data: {
    titulo: "Vue.js do jeito ninja!",
  },
  computed: {
  },
  watch: {
  },
  filters:{
  },
  methods:{
  }
});
</script>
</body>
</html>

```



Aula 15 - Enviando dados entre componentes não parentes

aula-15/aula-15a.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Transferência de dados entre Componentes não parentes</title>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
</head>
<body>
  <div id="app">
    <div class="container">
      <input-form></input-form>
      <br>
      <my-list></my-list>
    </div>
  </div>
  <template id="form">
    <div style=padding:10px;margin-top:10px; class="card">
      <div class="card-block">
        <div class="form-group">
          <label for="">Título</label>
          <input type="text" class="form-control">
        </div>
        <button class="btn btn-primary">Enviar</button>
      </div>
    </div>
  </template>
  <template id="list">
    <ul class="list-group">
      <li class="list-group-item">Cras justo odio</li>
      <li class="list-group-item">Dapibus ac facilisis in</li>
      <li class="list-group-item">Morbi leo risus</li>
      <li class="list-group-item">Porta ac consectetur ac</li>
      <li class="list-group-item">Vestibulum at eros</li>
    </ul>
  </template>

  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
```

```

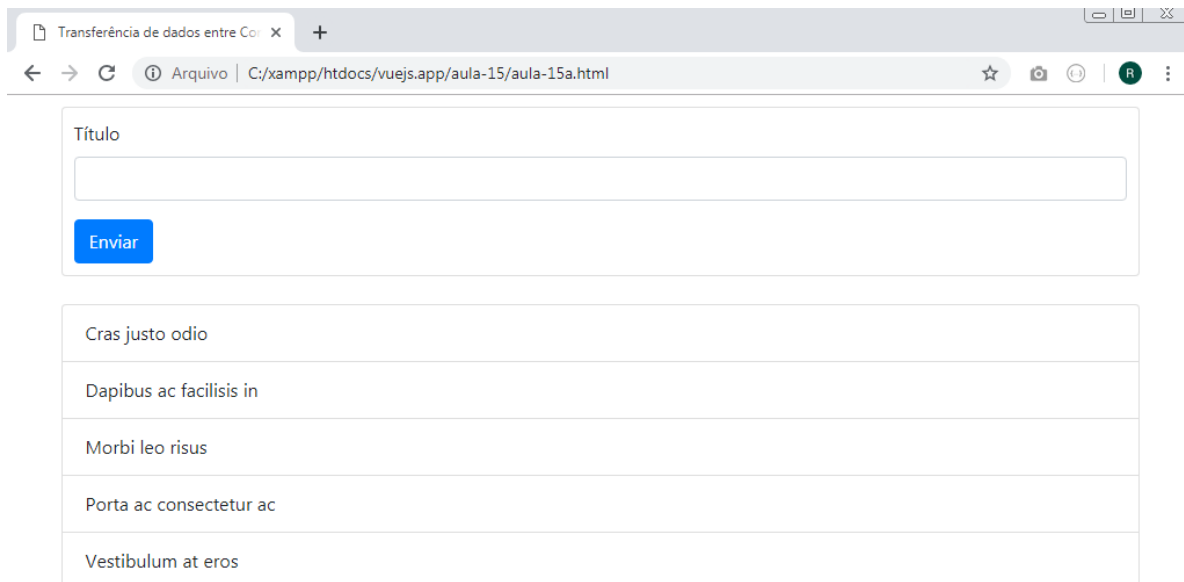
<script>

  Vue.component('input-form', {
    template: "#form"
  });

  Vue.component('my-list', {
    template: "#list",
  });

  var app = new Vue({
    el: "#app",
    data: {
      titulo: "Vue.js do jeito ninja!",
    },
    computed: {
    },
    watch: {
    },
    filters:{
    },
    methods:{
    }
  });
</script>
</body>
</html>

```



The screenshot shows a web browser window with the address bar displaying "C:/xampp/htdocs/vuejs.app/aula-15/aula-15a.html". The page content includes a form with a label "Título" and a text input field. Below the input field is a blue button labeled "Enviar". Underneath the form is a table with five rows of text:

Cras justo odio
Dapibus ac facilisis in
Morbi leo risus
Porta ac consectetur ac
Vestibulum at eros

aula-15/aula-15b.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Transferência de dados entre Componentes não parentes</title>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
</head>
<body>
  <div id="app">
    <div class="container">
      <input-form></input-form>
      <br>
      <my-list></my-list>
    </div>
  </div>
  <template id="form">
    <div style=padding:10px;margin-top:10px; class="card">
      <div class="card-block">
        <div class="form-group">
          <label for="">Título</label>
          <input v-model="title" type="text" class="form-control">
        </div>
        <button @click.stop.prevent="submit()" class="btn btn-primary">Enviar</button>
      </div>
    </div>
  </template>

  <template id="list">
    <ul class="list-group">
      <li v-for="item in list"
        class="list-group-item">
        {{ item.title }}</li>
    </ul>
  </template>

  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>

  <script>
    Vue.component('input-form', {
      template: "#form",
      data() {
        return {
          title: ""
        }
      },
    },
```

```

        methods: {
            submit(){
                EventBus.$emit('submit', this.title);
            }
        }
    });

    Vue.component('my-list', {
        template: "#list",
        created(){
            var vm = this;
            EventBus.$on('submit', function(title){
                if(title){
                    vm.list.push({title: title});
                }
                console.log(title);
            })
        },
        data(){
            return {
                list: [
                    { title: "Ir a feira" }
                ]
            }
        }
    });

    var EventBus = new Vue();

    var app = new Vue({
        el: "#app",
        data: {
            titulo: "Vue.js do jeito ninja!",
        },
        computed: {
        },
        watch: {
        },
        filters:{
        },
        methods:{
        }
    });
</script>
</body>
</html>

```

Transferência de dados entre Cores +

Arquivo | C:/xampp/htdocs/vuejs.app/aula-15/aula-15b.html

Título

Enviar

Ir a feira

Transferência de dados entre Cores +

Arquivo | C:/xampp/htdocs/vuejs.app/aula-15/aula-15b.html

Título

Enviar

Ir a feira

Transferência de dados entre Cores +

Arquivo | C:/xampp/htdocs/vuejs.app/aula-15/aula-15b.html

Título

Enviar

Ir a feira

Comprar ovos

aula-15/aula-15c.html

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <meta charset="UTF-8">
  <title>Transferência de dados entre Componentes não parentes</title>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
</head>
<body>
  <div id="app">
    <div class="container">
      <input-form></input-form>
      <br>
      <my-list></my-list>
    </div>
  </div>
  <template id="form">
    <div style=padding:10px;margin-top:10px; class="card">
      <div class="card-block">
        <div class="form-group">
          <label for="">Título</label>
          <input v-model="title" type="text" class="form-control">
        </div>
        <button @click.stop.prevent="submit()" class="btn btn-primary">Enviar</button>
      </div>
    </div>
  </template>

  <template id="list">
    <ul class="list-group">
      <li v-for="item in list"
        class="list-group-item">
        {{ item.title }}</li>
    </ul>
  </template>

  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>

  <script>
    Vue.component('input-form', {
      template: "#form",
      data() {
        return {
          title: "
        }
      },
```



```

    methods: {
      submit(){
        this.$eventHub.$emit('submit', this.title);
      }
    }
  });

```

```

Vue.component('my-list', {
  template: "#list",
  created(){
    var vm = this;
    this.$eventHub.$on('submit', function(title){
      if(title){
        vm.list.push({title: title});
      }
      console.log(title);
    })
  },
  data(){
    return {
      list: [
        { title: "Ir a feira" }
      ]
    }
  }
});

```

```

Vue.prototype.$eventHub = new Vue();

```

```

var app = new Vue({
  el: "#app",
  data: {
    titulo: "Vue.js do jeito ninja!",
  },
  computed: {
  },
  watch: {
  },
  filters:{
  },
  methods:{
  }
});
</script>
</body>
</html>

```

Transferência de dados entre Cor x +

← → ↻ ⓘ Arquivo | C:/xampp/htdocs/vuejs.app/aula-15/aula-15c.html

Título

Transferência de dados entre Cor x +

← → ↻ ⓘ Arquivo | C:/xampp/htdocs/vuejs.app/aula-15/aula-15c.html

Título

Transferência de dados entre Cor x +

← → ↻ ⓘ Arquivo | C:/xampp/htdocs/vuejs.app/aula-15/aula-15c.html

Título