

Curso Vue.js

Aprendible

<https://www.youtube.com/watch?v=A91omls5tU4&list=PLpKWS6gp0jd9eZC7HJhKbFpF4yrYL3soV>

Resumo do curso feito por Roberto Pinheiro

Aula 1 - Introdução

Vue.js é um framework de javascript desenhado para construir interfaces web interativas e reativas.

Instalação

Você pode criar um arquivo index.html e incluir Vue com:

```
<!-- development version, includes helpful console warnings -->  
<script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
```

or:

```
<!-- production version, optimized for size and speed -->  
<script src="https://cdn.jsdelivr.net/npm/vue"></script>
```

Primeiro exemplo

vuejs-aprendible/aula-1/aula-1a.html

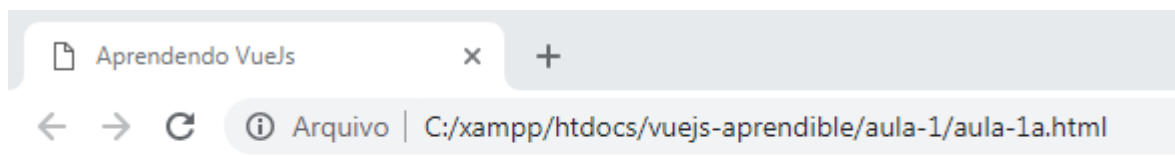
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Aprendendo VueJs</title>
</head>
<body>

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

  <div id="app">
    <h1>Olá {{ message }}</h1>
  </div>

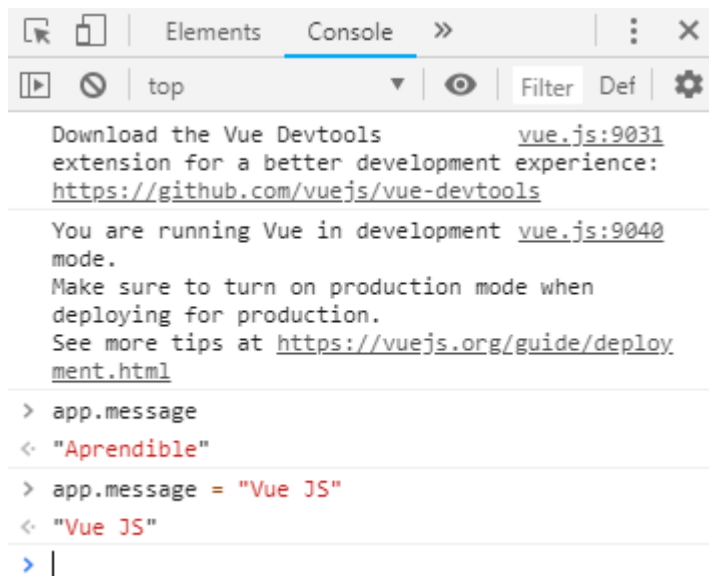
  <script>
    var app = new Vue({
      el: '#app',
      data: {
        message: 'Aprendible'
      }
    })
  </script>

</body>
</html>
```



Olá Aprendible

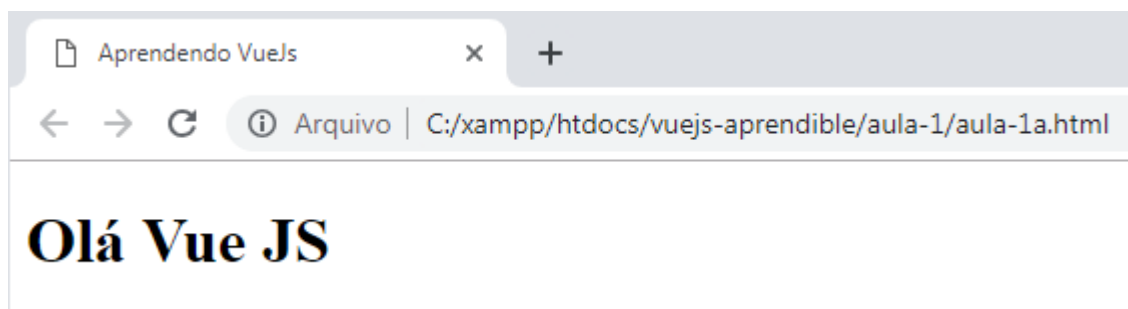
Alterando o valor da variável de forma reativa



The screenshot shows the Vue DevTools Console with the 'Console' tab selected. It displays several messages and commands:

- Download the Vue Devtools extension for a better development experience: <https://github.com/vuejs/vue-devtools>
- You are running Vue in development mode. [vue.js:9040](https://vuejs.org/guide/development.html)
- Make sure to turn on production mode when deploying for production. See more tips at <https://vuejs.org/guide/development.html>
- Command: `> app.message` Result: `< "Aprendible"`
- Command: `> app.message = "Vue JS"` Result: `< "Vue JS"`

The final command prompt shows a cursor after `> |`.



Exibindo o valor da variável em um campo input

vuejs-aprendible/aula-1/aula-1b.html

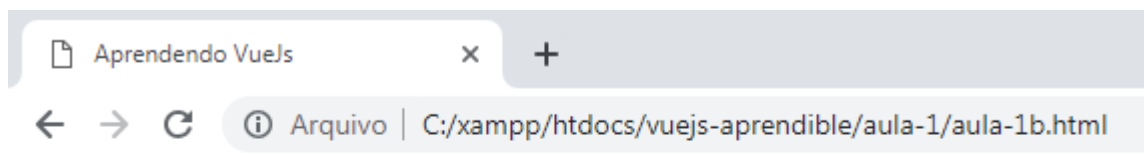
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Aprendendo VueJs</title>
</head>
<body>

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

  <div id="app">
    <h1>Olá {{ message }}</h1>
    <input type="text" v-model="message" />
  </div>

  <script>
    var app = new Vue({
      el: '#app',
      data: {
        message: 'Aprendible'
      }
    })
  </script>

</body>
</html>
```



Olá Aprendible

Aula 2 - Condicionais e Loops

vuejs-aprendible/aula-2/aula-2a.html

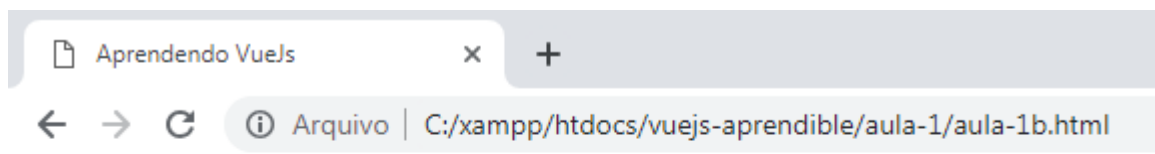
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Aprendendo VueJs</title>
</head>
<body>

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

  <div id="app">
    <h1>Olá <span v-text="message"></span></h1>
    <input type="text" v-model="message" />
  </div>

  <script>
    var app = new Vue({
      el: '#app',
      data: {
        message: 'Aprendible'
      }
    })
  </script>

</body>
</html>
```



Olá Aprendible

vuejs-aprendible/aula-2/aula-2b.html

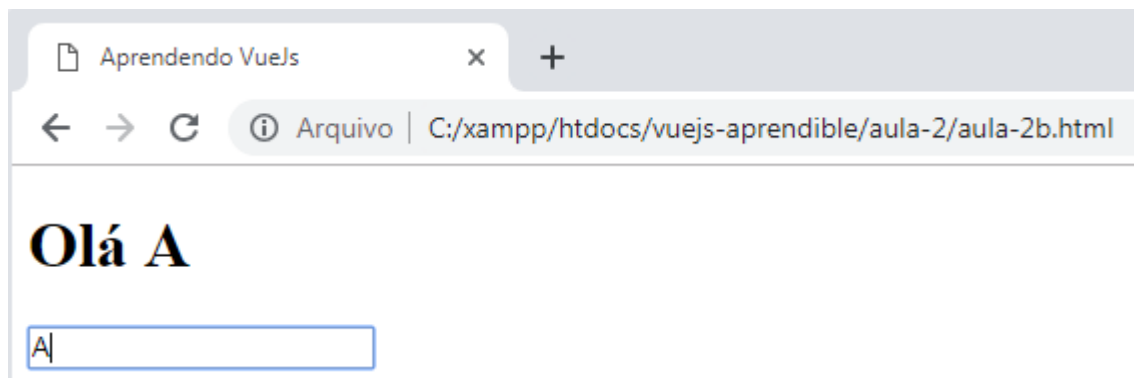
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Aprendendo VueJs</title>
</head>
<body>

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

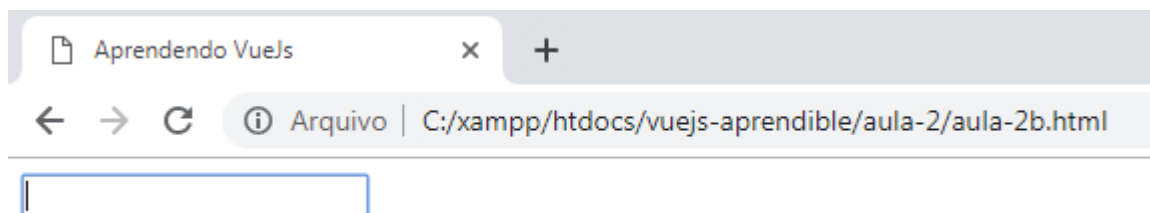
  <div id="app">
    <h1 v-show="message">Olá <span v-text="message"></span></h1>
    <input type="text" v-model="message" />
  </div>

  <script>
    var app = new Vue({
      el: '#app',
      data: {
        message: 'Aprendible'
      }
    })
  </script>

</body>
</html>
```



Excluindo a última letra:



vuejs-aprendible/aula-2/aula-2c.html

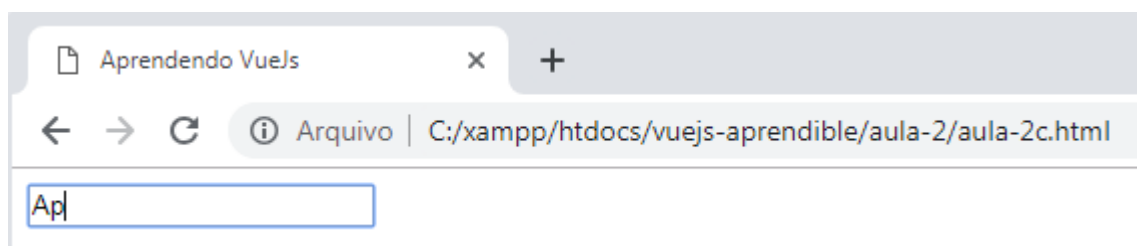
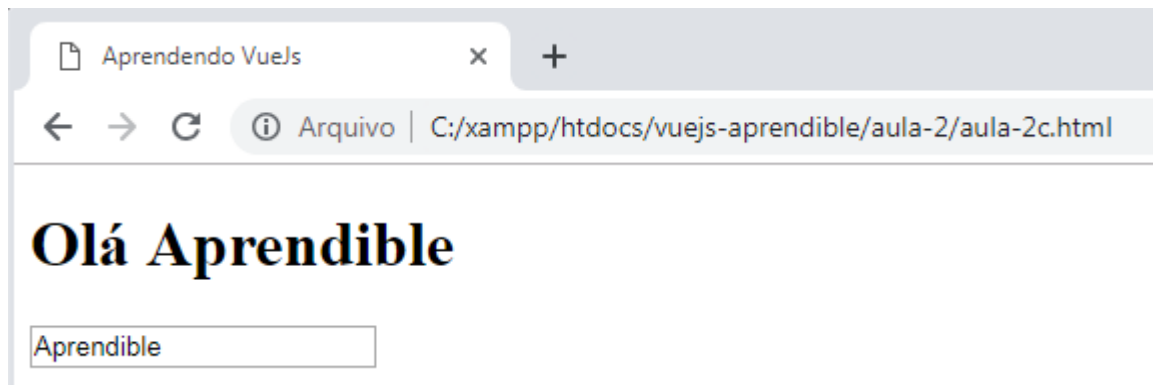
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Aprendendo VueJs</title>
</head>
<body>

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

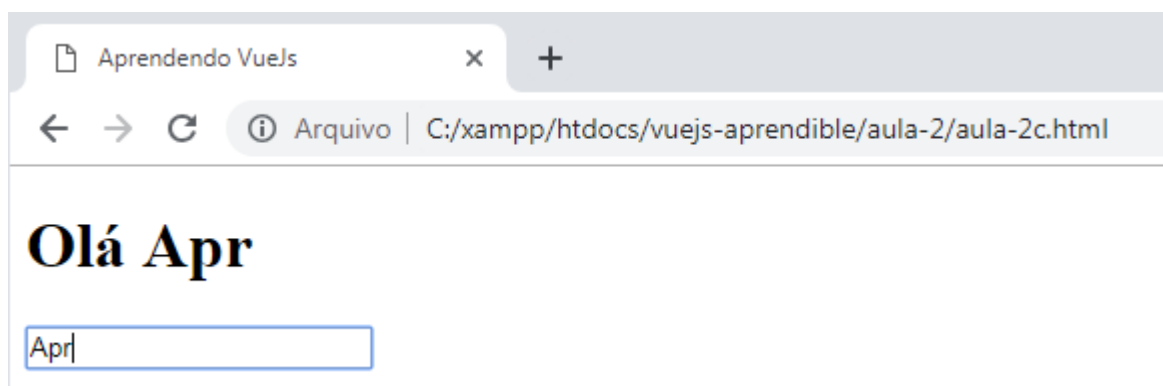
  <div id="app">
    <h1 v-show="message.length > 2">Olá <span v-text="message"></span></h1>
    <input type="text" v-model="message" />
  </div>

  <script>
    var app = new Vue({
      el: '#app',
      data: {
        message: 'Aprendible'
      }
    })
  </script>

</body>
</html>
```



```
Elements Console Sources Network >> ⋮ ✕
<!doctype html>
<html lang="en">
  <head>...</head>
  ... <body> == $0
    <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js">
    </script>
    <div id="app">
      <h1 style="display: none;">...</h1>
      <input type="text">
    </div>
    <script>...</script>
  </body>
</html>
```



vuejs-aprendible/aula-2/aula-2d.html

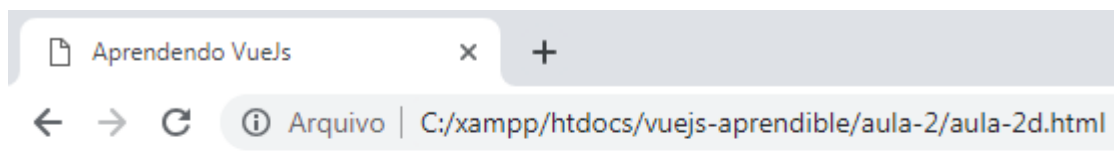
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Aprendendo VueJs</title>
</head>
<body>

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

  <div id="app">
    <h1 v-if="message.length > 2">Olá <span v-text="message"></span></h1>
    <h1 v-else>Por favor, escreva seu nome.</h1>
    <input type="text" v-model="message" />
  </div>

  <script>
    var app = new Vue({
      el: '#app',
      data: {
        message: 'Aprendible'
      }
    })
  </script>

</body>
</html>
```



Por favor, escreva seu nome.

Loops

vuejs-aprendible/aula-2/aula-2e.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Aprendendo VueJs</title>
</head>
<body>

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

  <div id="app">
    <h1>Lista de tarefas</h1>
    <ul>
      <li v-for="tarefa in tarefas">{{ tarefa }}</li>
    </ul>
  </div>

  <script>
    var app = new Vue({
      el: '#app',
      data: {
        tarefas: [
          'Aprender Laravel',
          'Aprender VueJS'
        ]
      }
    })
  </script>

</body>
</html>
```



vuejs-aprendible/aula-2/aula-2f.html

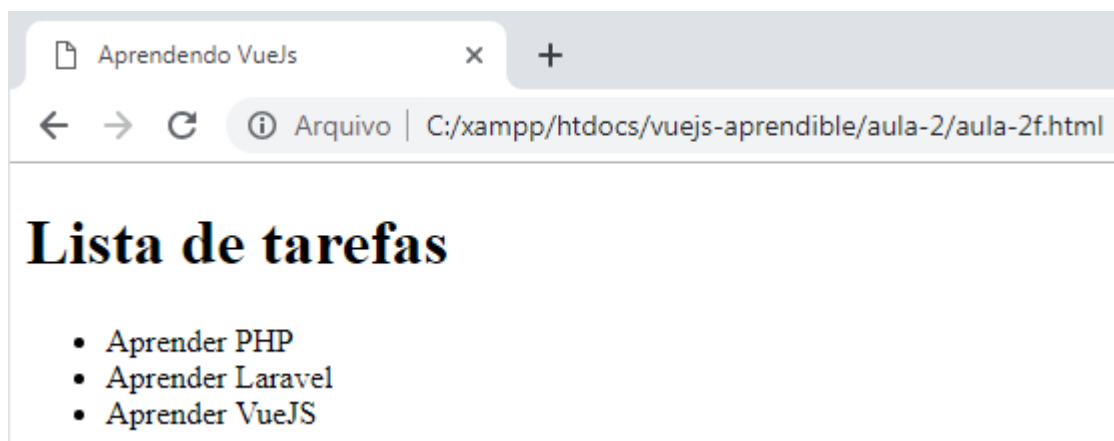
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Aprendendo VueJs</title>
</head>
<body>

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

  <div id="app">
    <h1>Lista de tarefas</h1>
    <ul>
      <li v-for="tarefa in tarefas" v-text="tarefa"></li>
    </ul>
  </div>

  <script>
    var app = new Vue({
      el: '#app',
      data: {
        tarefas: [
          'Aprender PHP',
          'Aprender Laravel',
          'Aprender VueJS'
        ]
      }
    })
  </script>

</body>
</html>
```



vuejs-aprendible/aula-2/aula-2g.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Aprendendo VueJs</title>
</head>
<body>

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

  <div id="app">
    <h1>Lista de tarefas</h1>
    <ul>
      <li v-for="tarefa in tarefas" v-text="tarefa"></li>
    </ul>
  </div>

  <script>
    var app = new Vue({
      el: '#app',
      data: {
        tarefas: [
          { title: 'Aprender PHP' },
          { title: 'Aprender Laravel' },
          { title: 'Aprender VueJS' }
        ]
      }
    })
  </script>

</body>
</html>
```



vuejs-aprendible/aula-2/aula-2h.html

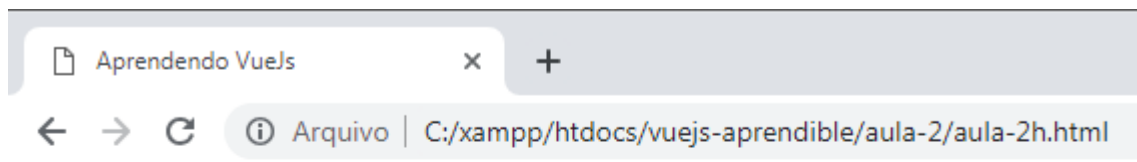
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Aprendendo VueJs</title>
</head>
<body>

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

  <div id="app">
    <h1>Lista de tarefas</h1>
    <ul>
      <li v-for="tarefa in tarefas" v-text="tarefa.title"></li>
    </ul>
  </div>

  <script>
    var app = new Vue({
      el: '#app',
      data: {
        tarefas: [
          { title: 'Aprender PHP' },
          { title: 'Aprender Laravel' },
          { title: 'Aprender VueJS' }
        ]
      }
    })
  </script>

</body>
</html>
```



Lista de tarefas

- Aprender PHP
- Aprender Laravel
- Aprender VueJS

vuejs-aprendible/aula-2/aula-2i.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Aprendendo VueJs</title>
</head>
<body>

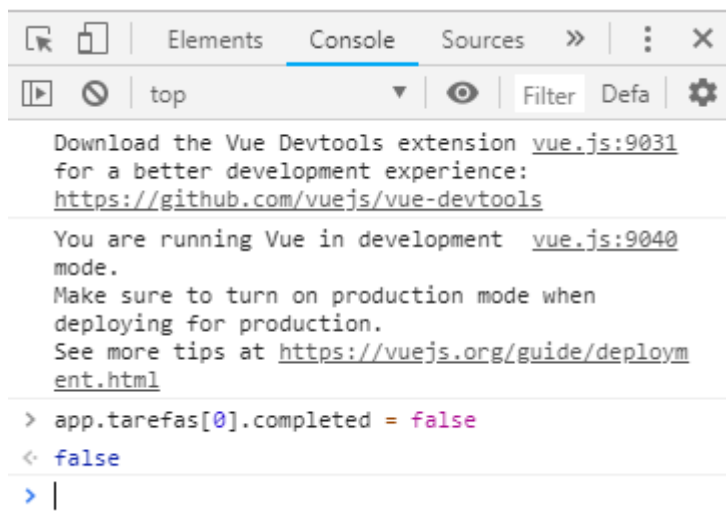
  <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>

  <div id="app">
    <h1>Lista de tarefas</h1>
    <ul>
      <li v-for="tarefa in tarefas">
        <span v-text="tarefa.title"></span>
        <small v-if="tarefa.completed">Tarefa completa</small>
        <small v-else>Tarefa incompleta</small>
      </li>
    </ul>
  </div>

  <script>
    var app = new Vue({
      el: '#app',
      data: {
        tarefas: [
          { title: 'Aprender PHP', completed: true },
          { title: 'Aprender Laravel', completed: true },
          { title: 'Aprender VueJS', completed: false }
        ]
      }
    })
  </script>

</body>
</html>
```





vuejs-aprendible/aula-2/aula-2j.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Aprendendo VueJs</title>
</head>
<body>

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

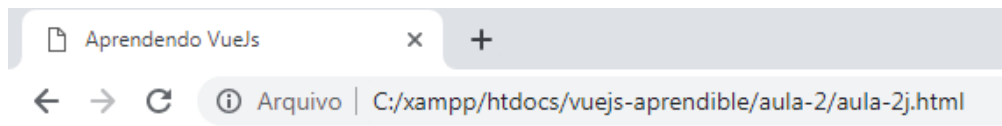
  <div id="app">

    <h1 v-if="message.length > 2">Olá <span v-text="message"></span></h1>
    <h1 v-else>Por favor, escreva seu nome.</h1>
    <input type="text" v-model="message" />

    <h1>Lista de tarefas</h1>
    <ul>
      <li v-for="tarefa in tarefas">
        <span v-text="tarefa.title"></span>
        <small v-if="tarefa.completed"> Completa</small>
        <small v-else> Incompleta</small>
      </li>
    </ul>
  </div>

  <script>
    var app = new Vue({
      el: '#app',
      data: {
        message: 'Aprendible',
        tarefas: [
          { title: 'Aprender PHP', completed: true },
          { title: 'Aprender Laravel', completed: true },
          { title: 'Aprender VueJS', completed: false }
        ]
      }
    })
  </script>

</body>
</html>
```

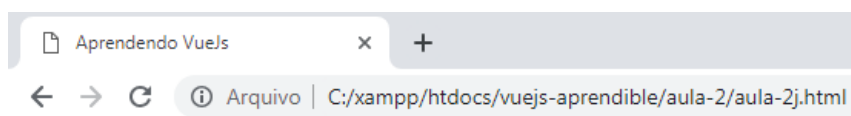
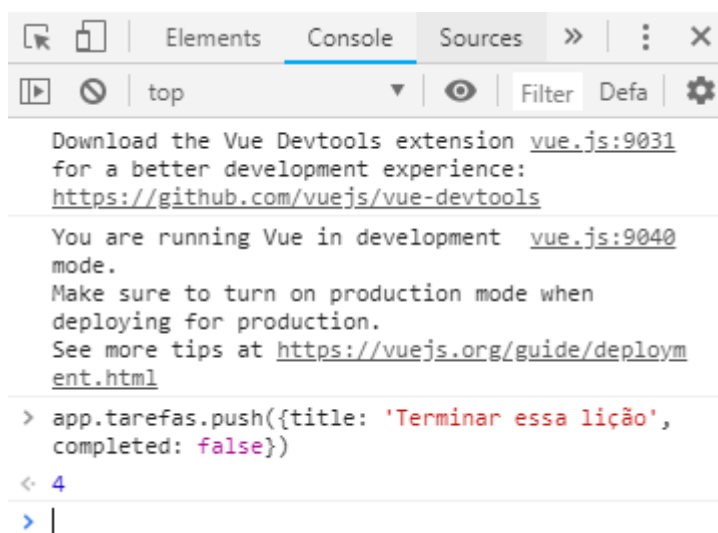
Olá Aprendible

Aprendible

Lista de tarefas

- Aprender PHP Completa
- Aprender Laravel Completa
- Aprender VueJS Incompleta

Acrescentando uma nova tarefa



Olá Aprendible

Aprendible

Lista de tarefas

- Aprender PHP Completa
- Aprender Laravel Completa
- Aprender VueJS Incompleta
- Terminar essa lição Incompleta

Aula 3 - Eventos e métodos

vuejs-aprendible/aula-3/aula-3a.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Aprendendo VueJs</title>
</head>
<body>

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

  <div id="app">

    <h1 v-if="message.length > 2">Olá <span v-text="message"></span></h1>
    <h1 v-else>Por favor, escreva seu nome.</h1>
    <input type="text" v-model="message" />
    <button v-on:click="message = message.split('').reverse().join('')">
      Inverter</button>

    <h1>Lista de tarefas</h1>
    <ul>
      <li v-for="tarefa in tarefas">
        <span v-text="tarefa.title"></span>
        <small v-if="tarefa.completed"> Completa</small>
        <small v-else> Incompleta</small>
      </li>
    </ul>
  </div>

  <script>
    var app = new Vue({
      el: '#app',
      data: {
        message: 'Aprendible',
        tarefas: [
          { title: 'Aprender PHP', completed: true },
          { title: 'Aprender Laravel', completed: true },
          { title: 'Aprender VueJS', completed: false }
        ]
      }
    })
  </script>

</body>
</html>
```

vuejs-aprendible/aula-3/aula-3b.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Aprendendo VueJs</title>
</head>
<body>

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

  <div id="app">

    <h1 v-if="message.length > 2">Olá <span v-text="message"></span></h1>
    <h1 v-else>Por favor, escreva seu nome.</h1>
    <input type="text" v-model="message" />
    <button @click="message = message.split('').reverse().join('')">Inverter</button>

    <h1>Lista de tarefas</h1>
    <ul>
      <li v-for="tarefa in tarefas">
        <span v-text="tarefa.title"></span>
        <small v-if="tarefa.completed"> Completa</small>
        <small v-else> Incompleta</small>
      </li>
    </ul>
  </div>

  <script>
    var app = new Vue({
      el: '#app',
      data: {
        message: 'Aprendible',
        tarefas: [
          { title: 'Aprender PHP', completed: true },
          { title: 'Aprender Laravel', completed: true },
          { title: 'Aprender VueJS', completed: false }
        ]
      }
    })
  </script>

</body>
</html>
```

Aprendendo VueJs

Arquivo | C:/xampp/htdocs/vuejs-aprendible/aula-3/aula-3a.html

Olá Roberto

Lista de tarefas

- Aprender PHP Completa
- Aprender Laravel Completa
- Aprender VueJS Incompleta

Aprendendo VueJs

Arquivo | C:/xampp/htdocs/vuejs-aprendible/aula-3/aula-3a.html

Olá otreboR

Lista de tarefas

- Aprender PHP Completa
- Aprender Laravel Completa
- Aprender VueJS Incompleta

Criando uma função para reutilizar o código

vuejs-aprendible/aula-3/aula-3c.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Aprendendo VueJs</title>
</head>
<body>

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

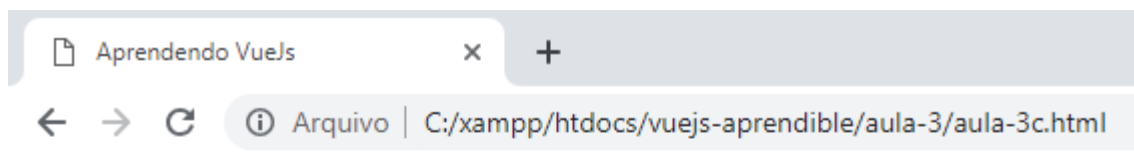
  <div id="app">

    <h1 v-if="message.length > 2">Olá <span v-text="message"></span></h1>
    <h1 v-else>Por favor, escreva seu nome.</h1>
    <input type="text" v-model="message" />
    <button @click="reverse">Inverter</button>

    <h1>Lista de tarefas</h1>
    <ul>
      <li v-for="tarefa in tarefas">
        <span v-text="tarefa.title"></span>
        <small v-if="tarefa.completed"> Completa</small>
        <small v-else> Incompleta</small>
      </li>
    </ul>
  </div>

  <script>
    var app = new Vue({
      el: '#app',
      data: {
        message: '',
        tarefas: [
          { title: 'Aprender PHP', completed: true },
          { title: 'Aprender Laravel', completed: true },
          { title: 'Aprender VueJS', completed: false }
        ],
      },
      methods: {
        reverse: function(){
          this.message = this.message.split('').reverse().join('');
        }
      }
    })
  </script>

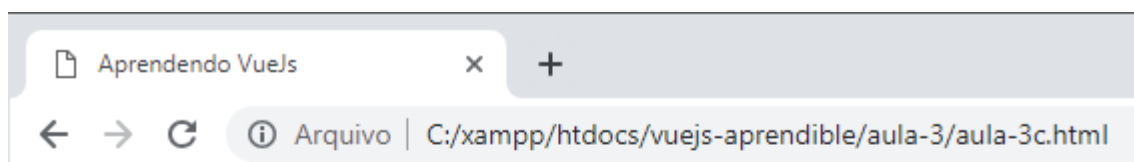
</body>
</html>
```



Olá Roberto

Lista de tarefas

- Aprender PHP Completa
- Aprender Laravel Completa
- Aprender VueJS Incompleta



Olá otreboR

Lista de tarefas

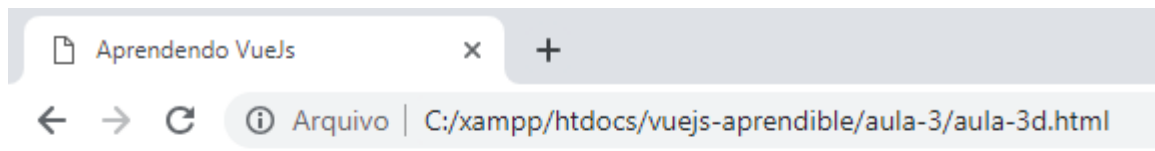
- Aprender PHP Completa
- Aprender Laravel Completa
- Aprender VueJS Incompleta

Adicionando tarefas

vuejs-aprendible/aula-3/aula-3d.html

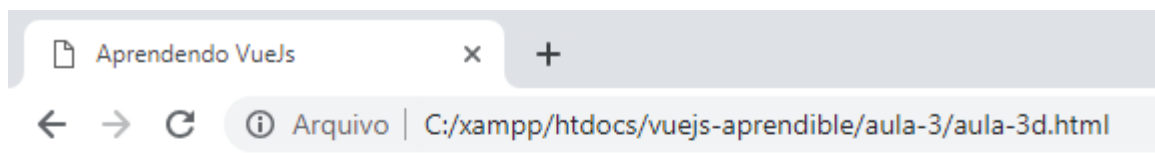
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <!-- Bootstrap CSS -->
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">
  <title>Aprendendo VueJs</title>
</head>
<body>

  <div class="container">
    <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
    <div id="app">
      <h1>Lista de tarefas</h1>
      <ul>
        <li v-for="task in tasks">
          <span v-text="task.title"></span>
          <small v-if="task.completed"> Completa</small>
          <small v-else> Incompleta</small>
        </li>
        <li class="form-inline">
          <input type="text" class="form-control" v-model="newTask">
          <button @click="addTask" class="btn btn-primary">+</button>
        </li>
      </ul>
    </div>
    <script>
      var app = new Vue({
        el: '#app',
        data: {
          newTask: "",
          tasks: [
            { title: 'Aprender PHP', completed: true },
            { title: 'Aprender Laravel', completed: true },
            { title: 'Aprender VueJS', completed: false }
          ],
        },
        methods: {
          addTask: function(){
            this.tasks.push(
              {title: this.newTask, completed: false}
            );
          }
        }
      });
    </script>
  </div>
</body>
</html>
```



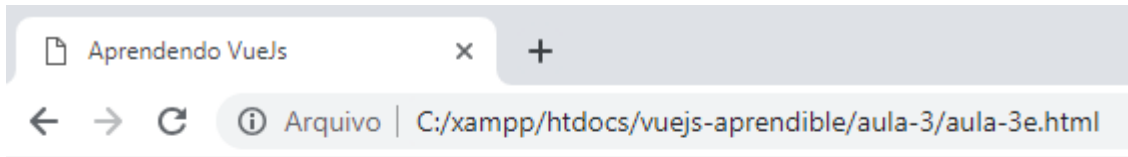
Lista de tarefas

- Aprender PHP Completa
- Aprender Laravel Completa
- Aprender VueJS Incompleta

Lista de tarefas

- Aprender PHP Completa
- Aprender Laravel Completa
- Aprender VueJS Incompleta
- Nova tarefa Incompleta



Lista de tarefas

- Aprender PHP Completa
- Aprender Laravel Completa
- Aprender VueJS Incompleta

vuejs-aprendible/aula-3/aula-3e.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">
  <title>Aprendendo VueJs</title>
  <style>
    .glyphicon-check, .glyphicon-unchecked{
      cursor: pointer;
    }
  </style>
</head>
<body>

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

    <div id="app">

      <h1>Lista de tarefas</h1>
      <ul>
        <li v-for="task in tasks">
          <span v-text="task.title"></span>
          <span v-on:click="task.completed = false" v-if="task.completed" class="glyphicon glyphicon-check"></span>
          <span v-on:click="task.completed = true" v-else class="glyphicon glyphicon-unchecked"></span>
        </li>
        <li class="form-inline">
          <input v-on:keyup.enter="addTask" type="text" class="form-control" v-model="newTask">
        </li>
      </ul>

      <pre>
        {{ $data }}
      </pre>
    </div>

    <script>
      var app = new Vue({
        el: '#app',
        data: {
          newTask: "",
          tasks: [
            { title: 'Aprender PHP', completed: true },
            { title: 'Aprender Laravel', completed: true },
            { title: 'Aprender VueJS', completed: false }
          ],
        },
      });
```

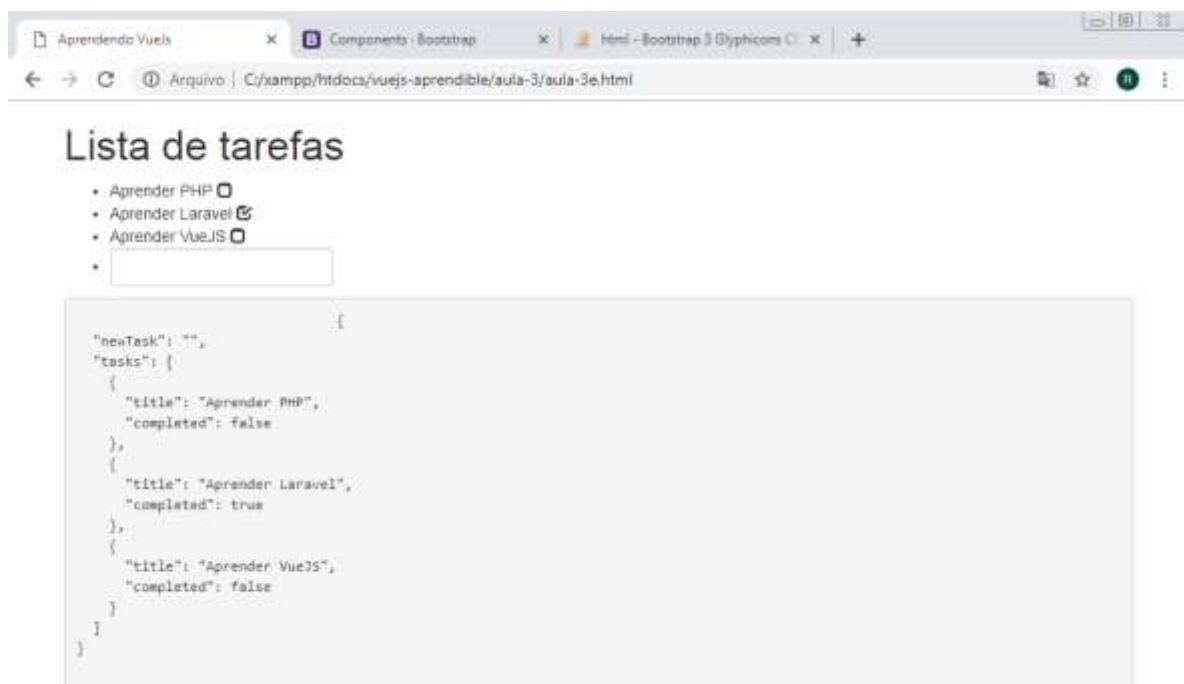
```

        methods: {
            addTask: function(){
                if(this.newTask <= 1) return alert('A tarefa não pode estar vazia!');
                this.tasks.push({
                    title: this.newTask,
                    completed: false
                });
                this.newTask = "";
            }
        }
    });
</script>

</div>

</body>
</html>

```



Aula 4 - Ferramentas de desenvolvimento

vuejs-aprendible/aula-4/aula-4a.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">
  <title>Aprendendo VueJs</title>
  <style>
    .glyphicon-check, .glyphicon-unchecked{
      cursor: pointer;
    }
  </style>
</head>
<body>

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

    <div id="app">

      <h1>Lista de tarefas</h1>
      <ul>
        <li v-for="task in tasks">
          <span v-text="task.title"></span>
          <span v-on:click="task.completed = false" v-if="task.completed" class="glyphicon glyphicon-check"></span>
          <span v-on:click="task.completed = true" v-else class="glyphicon glyphicon-unchecked"></span>
        </li>
        <li class="form-inline">
          <input v-on:keyup.enter="addTask" type="text" class="form-control" v-model="newTask">
        </li>
      </ul>

    </div>

    <script>
      var app = new Vue({
        el: '#app',
        data: {
          newTask: "",
          tasks: [
            { title: 'Aprender PHP', completed: true },
            { title: 'Aprender Laravel', completed: true },
            { title: 'Aprender VueJS', completed: false }
          ],
        },
      })
```

```

    methods: {
      addTask: function(){
        if(this.newTask <= 1) return alert('A tarefa não pode estar vazia!');
        this.tasks.push({
          title: this.newTask,
          completed: false
        });
        this.newTask = "";
      }
    }
  });
</script>
</div>
</body>
</html>

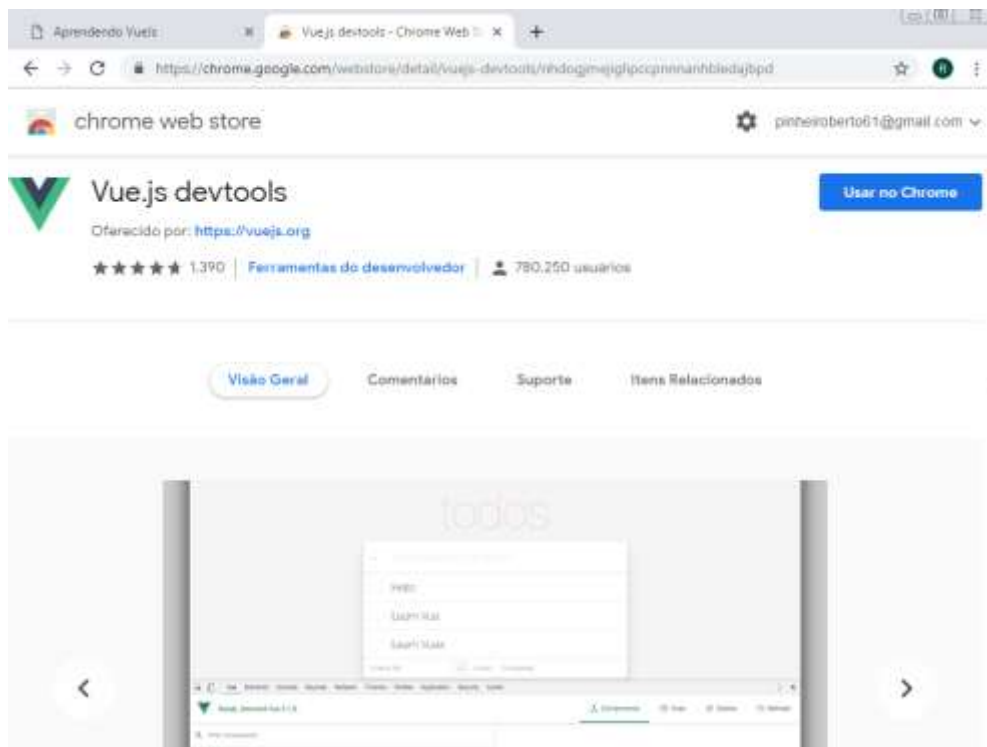
```

Extensão Vue.js devtools

<https://github.com/vuejs/vue-devtools>

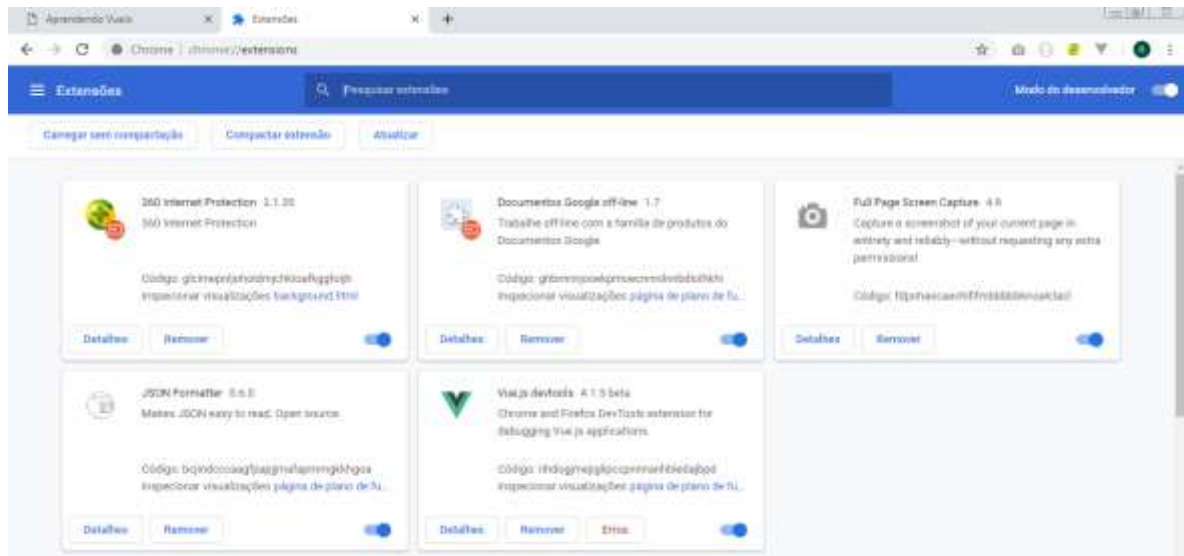
Instale no Google Chrome a extensão a seguir:

<https://chrome.google.com/webstore/detail/vuejs-devtools/nhdogmeijiglipccpnannhbledajbpd>



Ativando a extensão no Google Chrome

No Google Chrome, entre no menu "**Mais ferramentas -> Extensões**"

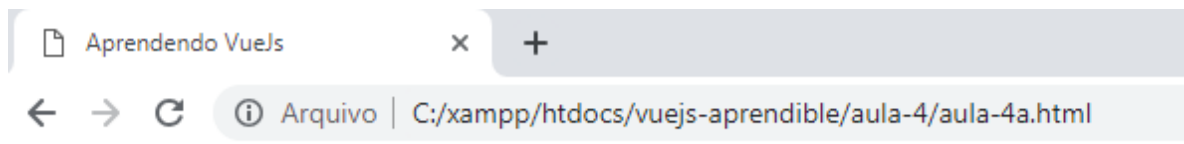


Na extensão **Vue.js devtools** clique no botão "**Detalhes**", e ative a opção: "**Permitir acesso aos URLs do arquivo**", conforme indicado a seguir:



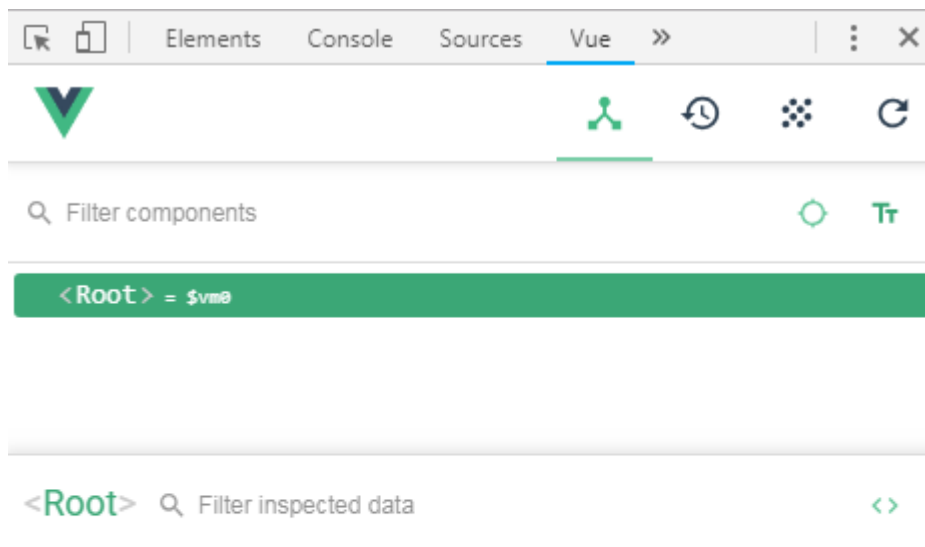
Agora o ícone do Vue.js será exibido ativado, no canto superior direito.

Ao clicar em **<F12>** será exibida uma nova aba chamada **Vue**. Clique nela e em seguida em **<Root>**:



Lista de tarefas

- Aprender PHP ☒
- Aprender Laravel ☒
- Aprender VueJS ☐
-



▼ data

```
newTask: ""
tasks: Array[3]
  ► 0: Object
  ► 1: Object
  ► 2: Object
```

🔍 📄

Elements

Console


Sources





Vue

»



⋮

✕





🔍 Filter components



<Root> = \$vm0

<Root> 🔍 Filter inspected data <>

▼ data

```
newTask: ""
tasks: Array[3]
  ▼ 0: Object
    completed: true
    title: "Aprender PHP"
  ▼ 1: Object
    completed: true
    title: "Aprender Laravel"
  ▼ 2: Object
    completed: false
    title: "Aprender VueJS"
```


Aula 5 - Propriedades calculadas

vuejs-aprendible/aula-5/aula-5a.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">
  <title>Aprendendo VueJs</title>
  <style>
    .glyphicon-check, .glyphicon-unchecked{
      cursor: pointer;
    }
  </style>
</head>
<body>

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

    <div id="app">

      <h1>Lista de tarefas</h1>
      <p>{{ reversedTask }}</p>

      <ul>
        <li v-for="task in tasks">
          <span v-text="task.title"></span>
          <span v-on:click="task.completed = false" v-if="task.completed" class="glyphicon glyphicon-check"></span>
          <span v-on:click="task.completed = true" v-else class="glyphicon glyphicon-unchecked"></span>
        </li>
        <li class="form-inline">
          <input v-on:keyup.enter="addTask" type="text" class="form-control" v-model="newTask">
        </li>
      </ul>

    </div>

    <script>
      var app = new Vue({
        el: '#app',
        data: {
          newTask: "",
          tasks: [
            { title: 'Aprender PHP', completed: true },
            { title: 'Aprender Laravel', completed: true },
            { title: 'Aprender VueJS', completed: false }
          ],
        },
      })
```

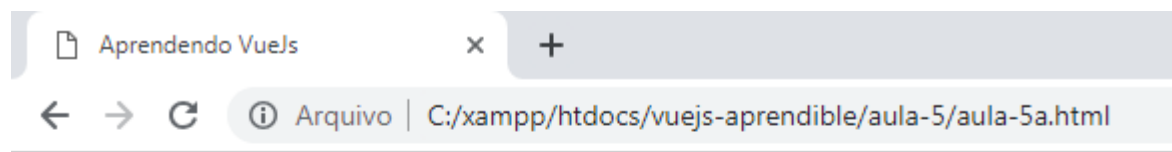
```

    methods: {
      addTask: function(){
        if(this.newTask <= 1) return alert('A tarefa não pode estar vazia!');
        this.tasks.push({
          title: this.newTask,
          completed: false
        });
        this.newTask = "";
      },
      computed: {
        reversedTask: function(){
          return this.newTask.split("").reverse().join("");
        }
      }
    });
  </script>

</div>

</body>
</html>

```



Lista de tarefas

avaJ rednerpA

- Aprender PHP ☒
- Aprender Laravel ☒
- Aprender VueJS ☐
-

vuejs-aprendible/aula-5/aula-5b.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">
  <title>Aprendendo VueJs</title>
  <style>
    .glyphicon-check, .glyphicon-unchecked{
      cursor: pointer;
    }
  </style>
</head>
<body>

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

    <div id="app">

      <h1>Lista de tarefas</h1>
      <p>{{ reversedTask }}</p>

      <h4>Tarefas completas: {{ completedTasks() }}</h4>
      <h4>Tarefas incompletas: {{ incompletedTasks() }}</h4>

      <ul>
        <li v-for="task in tasks">
          <span v-text="task.title"></span>
          <span v-on:click="task.completed = false" v-if="task.completed" class="glyphicon glyphicon-check"></span>
          <span v-on:click="task.completed = true" v-else class="glyphicon glyphicon-unchecked"></span>
        </li>
        <li class="form-inline">
          <input v-on:keyup.enter="addTask" type="text" class="form-control" v-model="newTask">
        </li>
      </ul>

    </div>

    <script>
      var app = new Vue({
        el: '#app',
        data: {
          newTask: "",
          tasks: [
            { title: 'Aprender PHP', completed: true },
            { title: 'Aprender Laravel', completed: true },
            { title: 'Aprender VueJS', completed: false }
          ],
        },
      })
```

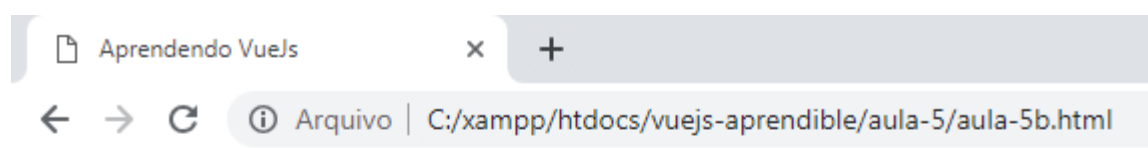
```

methods: {
  addTask: function(){
    if(this.newTask <= 1) return alert('A tarefa não pode estar vazia!');
    this.tasks.push({
      title: this.newTask,
      completed: false
    });
    this.newTask = "";
  },
  completedTasks: function(){
    return this.tasks.filter(function(task){
      return task.completed;
    }).length;
  },
  incompletedTasks: function(){
    return this.tasks.filter(function(task){
      return !task.completed;
    }).length;
  }
},
computed: {
  reversedTask: function(){
    return this.newTask.split("").reverse().join("");
  }
}
});
</script>

</div>

</body>
</html>

```



Lista de tarefas

dcba

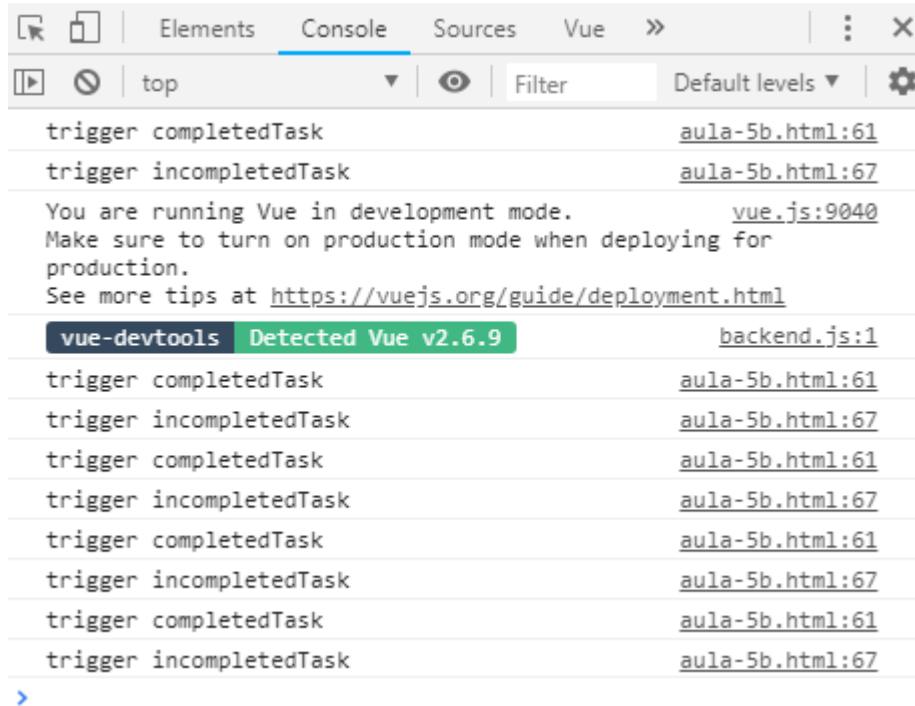
Tarefas completas: 2

Tarefas incompletas: 1

- Aprender PHP ☒
- Aprender Laravel ☒
- Aprender VueJS ☐

-

Ao se digitar cada letra da nova tarefa, os triggers são disparados:



vuejs-aprendible/aula-5/aula-5c.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">
  <title>Aprendendo VueJs</title>
  <style>
    .glyphicon-check, .glyphicon-unchecked{
      cursor: pointer;
    }
  </style>
</head>
<body>

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

    <div id="app">

      <h1>Lista de tarefas</h1>

      <p>{{ reversedTask }}</p>

      <h4 v-if="completedTasks">Tarefas completas: {{ completedTasks }}</h4>
      <h4 v-if="incompletedTasks">Tarefas incompletas: {{ incompletedTasks }}</h4>

      <ul>
        <li v-for="task in tasks">
          <span v-text="task.title"></span>
          <span v-on:click="task.completed = false" v-if="task.completed" class="glyphicon glyphicon-check"></span>
          <span v-on:click="task.completed = true" v-else class="glyphicon glyphicon-unchecked"></span>
        </li>
        <li class="form-inline">
          <input v-on:keyup.enter="addTask" type="text" class="form-control" v-model="newTask">
        </li>
      </ul>

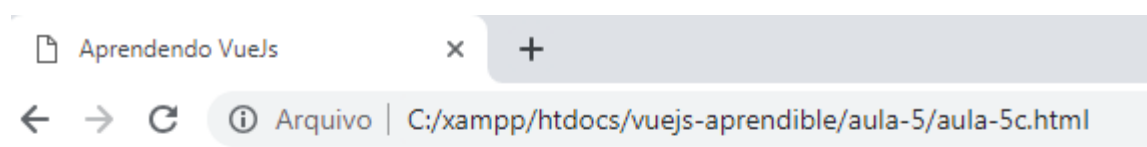
    </div>

    <script>
      var app = new Vue({
        el: '#app',
        data: {
          newTask: "",
          tasks: [
            { title: 'Aprender PHP', completed: true },
            { title: 'Aprender Laravel', completed: true },
            { title: 'Aprender VueJS', completed: false }
          ],
        },
      })
```

```

methods: {
  addTask: function(){
    if(this.newTask <= 1) return alert('A tarefa não pode estar vazia!');
    this.tasks.push({
      title: this.newTask,
      completed: false
    });
    this.newTask = "";
  },
  computed: {
    reversedTask: function(){
      return this.newTask.split("").reverse().join("");
    },
    completedTasks: function(){
      console.log('trigger completedTask');
      return this.tasks.filter(function(task){
        return task.completed;
      }).length;
    },
    incompletedTasks: function(){
      console.log('trigger incompletedTask');
      return this.tasks.filter(function(task){
        return !task.completed;
      }).length;
    }
  }
};
</script>
</div>
</body>
</html>

```



Lista de tarefas

dcba

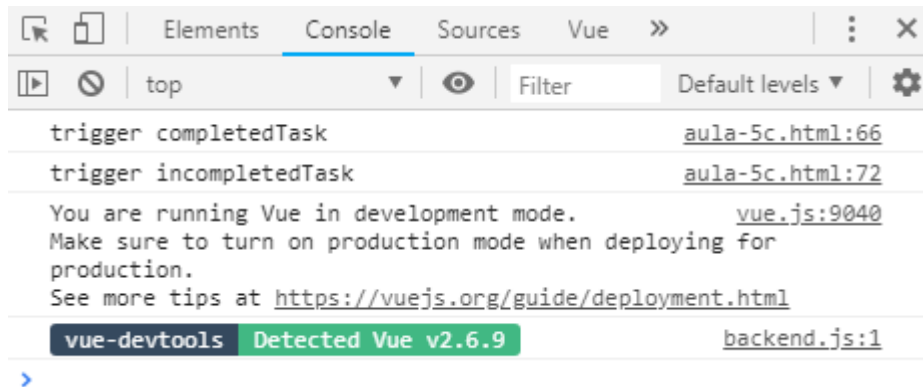
Tarefas completas: 2

Tarefas incompletas: 1

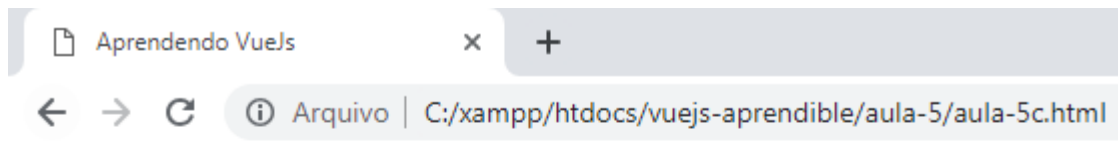
- Aprender PHP ☒
- Aprender Laravel ☒
- Aprender VueJS ☐

-

Ao se digitar cada letra da nova tarefa, os triggers não são disparados:



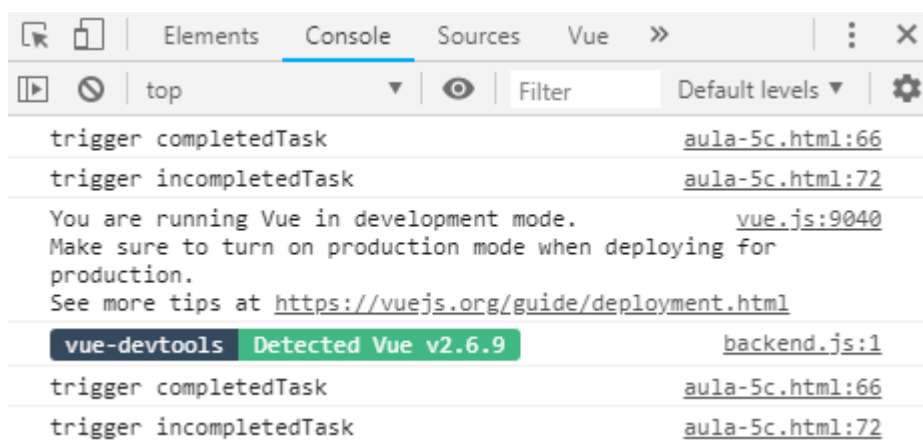
Os triggers só serão disparados, ao clicarmos nas tarefas para marcá-las ou desmarcá-las:



Lista de tarefas

Tarefas completas: 3

- Aprender PHP ☒
- Aprender Laravel ☒
- Aprender VueJS ☒
-



Lista de tarefas

Tarefas incompletas: 3

- Aprender PHP ☐
- Aprender Laravel ☐
- Aprender VueJS ☐

-

The image shows the Vue DevTools interface. At the top, there are tabs for 'Elements', 'Console' (which is selected), 'Sources', 'Vue', and a '»' icon. To the right of the tabs are icons for a list, a close button, and a settings gear. Below the tabs, there is a 'top' dropdown menu, an eye icon, a 'Filter' input field, a 'Default levels' dropdown, and another settings gear. The console log contains the following messages:

- `trigger completedTask` from `aula-5c.html:66`
- `trigger incompletedTask` from `aula-5c.html:72`
- A message from `vue.js:9040`:
You are running Vue in development mode.
Make sure to turn on production mode when deploying for production.
See more tips at <https://vuejs.org/guide/deployment.html>
- A green notification bar from `vue-devtools` stating: **Detected Vue v2.6.9** from `backend.js:1`
- `trigger completedTask` from `aula-5c.html:66`
- `trigger incompletedTask` from `aula-5c.html:72`
- `trigger completedTask` from `aula-5c.html:66`
- `trigger incompletedTask` from `aula-5c.html:72`
- `trigger completedTask` from `aula-5c.html:66`
- `trigger incompletedTask` from `aula-5c.html:72`
- `trigger completedTask` from `aula-5c.html:66`
- `trigger incompletedTask` from `aula-5c.html:72`

>

Aula 6 - Classes CSS dinâmicas

vuejs-aprendible/aula-6/aula-6a.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">
  <title>Aprendendo VueJs</title>
  <style>
    .glyphicon-check, .glyphicon-unchecked{
      cursor: pointer;
    }
  </style>
</head>
<body>

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

    <div id="app">

      <h1>Lista de tarefas</h1>

      <p>{{ reversedTask }}</p>

      <h4 v-if="completedTasks">Tarefas completas: {{ completedTasks }}</h4>
      <h4 v-if="incompletedTasks">Tarefas incompletas: {{ incompletedTasks }}</h4>

      <ul>
        <li v-for="task in tasks">
          <span v-text="task.title"></span>
          <span @click="task.completed = ! task.completed"
            v-bind:class="{
              'glyphicon':true,
              'glyphicon-check':task.completed,
              'glyphicon-unchecked':! task.completed}">
          </span>
        </li>
        <li class="form-inline">
          <input v-on:keyup.enter="addTask" type="text" class="form-control" v-model="newTask">
        </li>
      </ul>

    </div>

  </div>
```

```

<script>
  var app = new Vue({
    el: '#app',
    data: {
      newTask: "",
      tasks: [
        { title: 'Aprender PHP', completed: true },
        { title: 'Aprender Laravel', completed: true },
        { title: 'Aprender VueJS', completed: false }
      ],
    },
    methods: {
      addTask: function(){
        if(this.newTask <= 1) return alert('A tarefa não pode estar vazia!');
        this.tasks.push({
          title: this.newTask,
          completed: false
        });
        this.newTask = "";
      }
    },
    computed: {
      reversedTask: function(){
        return this.newTask.split("").reverse().join("");
      },
      completedTasks: function(){
        console.log('trigger completedTask');
        return this.tasks.filter(function(task){
          return task.completed;
        }).length;
      },
      incompletedTasks: function(){
        console.log('trigger incompletedTask');
        return this.tasks.filter(function(task){
          return !task.completed;
        }).length;
      }
    }
  });
</script>

</div>

</body>
</html>

```



Lista de tarefas

Tarefas completas: 2

Tarefas incompletas: 1

- Aprender PHP ☒
- Aprender Laravel ☒
- Aprender VueJS ☐

•

vuejs-aprendible/aula-6/aula-6b.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">
  <title>Aprendendo VueJs</title>
  <style>
    .glyphicon-check, .glyphicon-unchecked{
      cursor: pointer;
    }
  </style>
</head>
<body>

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

    <div id="app">

      <h1>Lista de tarefas</h1>

      <p>{{ reversedTask }}</p>

      <h4 v-if="completedTasks">Tarefas completas: {{ completedTasks }}</h4>
      <h4 v-if="incompletedTasks">Tarefas incompletas: {{ incompletedTasks }}</h4>

      <ul>
        <li v-for="task in tasks">
          <span v-text="task.title"></span>
          <span @click="task.completed = ! task.completed"
            :class="[
              'glyphicon',
              task.completed ? 'glyphicon-check' : 'glyphicon-unchecked'
            ]">
          </span>
        </li>
        <li class="form-inline">
          <input v-on:keyup.enter="addTask" type="text" class="form-control" v-model="newTask">
        </li>
      </ul>

    </div>

    <script>
      var app = new Vue({
        el: '#app',
        data: {
          newTask: "",
          tasks: [
            { title: 'Aprender PHP', completed: true },
            { title: 'Aprender Laravel', completed: true },
            { title: 'Aprender VueJS', completed: false }
          ],
        },
      })
```

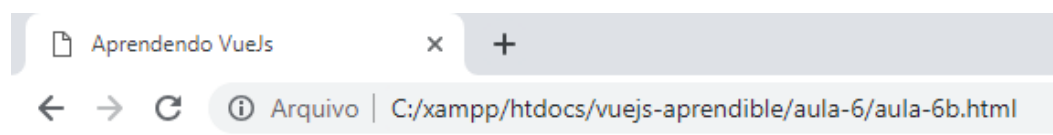
```

    methods: {
      addTask: function(){
        if(this.newTask <= 1) return alert('A tarefa não pode estar vazia!');
        this.tasks.push({
          title: this.newTask,
          completed: false
        });
        this.newTask = "";
      }
    },
    computed: {
      reversedTask: function(){
        return this.newTask.split("").reverse().join("");
      },
      completedTasks: function(){
        console.log('trigger completedTask');
        return this.tasks.filter(function(task){
          return task.completed;
        }).length;
      },
      incompletedTasks: function(){
        console.log('trigger incompletedTask');
        return this.tasks.filter(function(task){
          return !task.completed;
        }).length;
      }
    }
  });
</script>

</div>

</body>
</html>

```



Lista de tarefas

Tarefas completas: 2

Tarefas incompletas: 1

- Aprender PHP ☒
- Aprender Laravel ☒
- Aprender VueJS ☐

-

vuejs-aprendible/aula-6/aula-6c.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">
  <title>Aprendendo VueJs</title>
  <style>
    .glyphicon-check, .glyphicon-unchecked{
      cursor: pointer;
    }
  </style>
</head>
<body>

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

    <div id="app">

      <h1>Lista de tarefas</h1>

      <p>{{ reversedTask }}</p>

      <h4 v-if="completedTasks">Tarefas completas: {{ completedTasks }}</h4>
      <h4 v-if="incompletedTasks">Tarefas incompletas: {{ incompletedTasks }}</h4>

      <ul>
        <li v-for="task in tasks">
          <span v-text="task.title"></span>
          <span @click="task.completed = ! task.completed"
            :class="taskClasses(task)">
          </span>
        </li>
        <li class="form-inline">
          <input v-on:keyup.enter="addTask" type="text" class="form-control" v-model="newTask">
        </li>
      </ul>

    </div>

    <script>
      var app = new Vue({
        el: '#app',
        data: {
          newTask: "",
          tasks: [
            { title: 'Aprender PHP', completed: true },
            { title: 'Aprender Laravel', completed: true },
            { title: 'Aprender VueJS', completed: false }
          ],
        },
      });
```

```

methods: {
  addTask: function(){
    if(this.newTask <= 1) return alert('A tarefa não pode estar vazia!');
    this.tasks.push({
      title: this.newTask,
      completed: false
    });
    this.newTask = "";
  },
  taskClasses: function(task){
    return ['glyphicon', task.completed ? 'glyphicon-check' : 'glyphicon-unchecked'];
  }
},
computed: {
  reversedTask: function(){
    return this.newTask.split("").reverse().join("");
  },
  completedTasks: function(){
    console.log('trigger completedTask');
    return this.tasks.filter(function(task){
      return task.completed;
    }).length;
  },
  incompletedTasks: function(){
    console.log('trigger incompletedTask');
    return this.tasks.filter(function(task){
      return !task.completed;
    }).length;
  }
}
});
</script>

</div>

</body>
</html>

```


vuejs-aprendible/aula-6/aula-6d.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">
  <title>Aprendendo VueJs</title>
  <style>
    .glyphicon-check, .glyphicon-unchecked{
      cursor: pointer;
    }
  </style>
</head>
<body>

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

    <div id="app">

      <h1>Lista de tarefas</h1>

      <p>{{ reversedTask }}</p>

      <h4 v-if="completedTasks">Tarefas completas: {{ completedTasks }}</h4>
      <h4 v-if="incompletedTasks">Tarefas incompletas: {{ incompletedTasks }}</h4>

      <ul>
        <li v-for="task in tasks">
          <span v-text="task.title"></span>
          <span @click="completedTask(task)"
            :class="taskClasses(task)">
          </span>
        </li>
        <li class="form-inline">
          <input v-on:keyup.enter="addTask" type="text" class="form-control" v-model="newTask">
        </li>
      </ul>

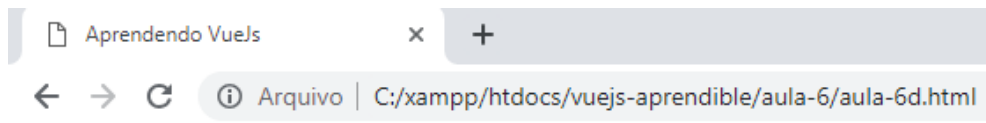
    </div>

    <script>
      var app = new Vue({
        el: '#app',
        data: {
          newTask: "",
          tasks: [
            { title: 'Aprender PHP', completed: true },
            { title: 'Aprender Laravel', completed: true },
            { title: 'Aprender VueJS', completed: false }
          ],
        },
      },
```

```

methods: {
  addTask: function(){
    if(this.newTask <= 1) return alert('A tarefa não pode estar vazia!');
    this.tasks.push({
      title: this.newTask,
      completed: false
    });
    this.newTask = "";
  },
  taskClasses: function(task){
    return ['glyphicon', task.completed ? 'glyphicon-check' : 'glyphicon-unchecked'];
  },
  completedTask: function(task){
    task.completed = ! task.completed;
  }
},
computed: {
  reversedTask: function(){
    return this.newTask.split("").reverse().join("");
  },
  completedTasks: function(){
    return this.tasks.filter(function(task){
      return task.completed;
    }).length;
  },
  incompletedTasks: function(){
    return this.tasks.filter(function(task){
      return !task.completed;
    }).length;
  }
}
});
</script>
</div>
</body>
</html>

```



Lista de tarefas

Tarefas completas: 2

Tarefas incompletas: 1

- Aprender PHP ☒
- Aprender Laravel ☒
- Aprender VueJS ☐
-