Vue.js

List Rendering

List data

```
<script>
export default {
  data: () => ({
    list: []
  })
}
</script>
```

List data

```
<script>
export default {
  data: () => ({
    list: [1, 2, 3, 4]
  })
}
</script>
```

v-for

```
<template>
  <ol>
    <li v-for="n in numbers">
      {{ n }}
    </li>
  </ol>
</template>

<script>
export default {
  data: () => ({
    numbers: [1, 2, 3, 4]
  })
}
</script>
```

v-for

```
<template>
  <ol>
    <li v-for="n in numbers" :key="n">
      {{ n }}
    </li>
  </ol>
</template>

<script>
export default {
  data: () => ({
    numbers: [1, 2, 3, 4]
  })
}
</script>
```

v-bind shorthand

```
<abbr :title="Vue.js is great!">Vue.js</abbr>

<abbr v-bind:title="Vue.js is great!">Vue.js</abbr>



<a :href="'https://vuejs.id'">Vue.js Indonesia</abbr>

<a v-bind:href="'https://vuejs.id'">Vue.js Indonesia</abbr>
```

v-for

```
<template>
  <ol>
    <li v-for="n in numbers" :key="n">
      {{ n }}
    </li>
  </ol>
</template>

<script>
export default {
  data: () => ({
    numbers: [1, 1, 3, 1]
  })
}
</script>
```

v-for

```
<template>
  <ol>
    <li v-for="(n, index) in numbers" :key="index">
      {{ n }}
    </li>
  </ol>
</template>

<script>
export default {
  data: () => ({
    numbers: [1, 1, 3, 1]
  })
}
</script>
```

v-for

```
<template>
  <ol>
    <li v-for="company in companyList" :key="company.id">
      <a :href="company.url"> {{ company.name }} </a>
    </li>
  </ol>
</template>
<script>
export default {
  data: () => ({
    companyList: [
      { id: 302, name: 'Google', url: 'https://google.com' },
    ]
  })
}
</script>
```

Exercise

Dengan data berikut, buatlah list dari barang-barang. Dan dengan menggunakan computed properties, hitunglah total harga barang tsb.

```
<script>
export default {
  data: () => ({
    items: [
      { id: 30,  name: 'Pisang',   price: 9000,  qty: 3  },
      { id: 291, name: 'Cabe',     price: 1400,  qty: 30 },
      { id: 74,  name: 'Mengkudu', price: 76000, qty: 5  },
      { id: 104, name: 'Keripik',  price: 35000, qty: 1  },
    ]
  })
}
</script>
```

v-if

```
<script>
  data: () => ({
    rooms: [
      { id: 19, roomNumber: 317, availabe: true },
      { id: 52, roomNumber: 102, availabe: false },
      { id: 84, roomNumber: 401, availabe: true },
    ]
  })
</script>
```

v-if

```
<template>
  <ol>
    <li v-for="room in rooms" :key="room.id">
      Kamar nomor: {{ room.roomNumber }}
      <span v-if="room.available">Tersedia</span>
      <span v-if="!room.available">Tidak Tersedia</span>
    </li>
  </ol>
</template>
```

v-if

```
<template>
  <ol>
    <li v-for="room in rooms" :key="room.id">
      Kamar nomor: {{ room.roomNumber }}
      <span v-if="room.available">Tersedia</span>
      <span v-else>Tidak Tersedia</span>
    </li>
  </ol>
</template>
```

Exercise: Todo list app