Web components

Grupo II

Estructura

```
export class Item extends HTMLElement {
  connectedCallback() {
    this.innerHTML = `
      <style>
          div {
      </style>
      <div>
      </div>
```

```
import { html, css, LitElement } from 'lit';
export class Item extends LitElement {
  static get styles() {
    return css`
    div {
  render() {
    return html`
    <div>
       . . .
    </div>
```

Attributes

```
static get properties() {
  return {
    name: { type: String },
    price: { type: Number },
    realPrice: { type: Number },
    review: { type: Number },
    discount: { type: Number },
    img: { type: String },
```

```
static get properties() {
  return {
    name: { type: String },
    price: { type: Number },
    realPrice: { type: Number },
    review: { type: Number },
   discount: { type: Number },
    img: { type: String },
```



this.name
this.price
this.realPrice
this.review
this.discount
this.img

```
static get properties() {
  return {
    name: { type: String },
    price: { type: Number },
    realPrice: { type: Number },
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    img: { type: String },
```

this.name
this.price
this.realPrice
this.review
this.discount
this.img

```
this.hasAttribute('name')
this.getAttribute('name')
this.setAttribute('name', value);
this.removeAttribute('name')
```

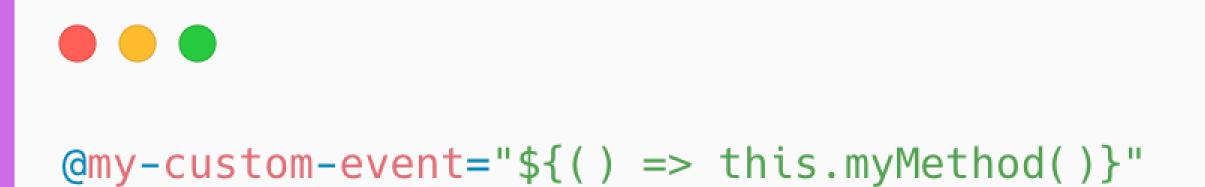
```
get name() {
  this.getAttribute('name')
set name(value) {
  this.setAttribute('name', value)
```

```
get checked() {
  return this.hasAttribute('checked');
set checked(value) {
  if (value) {
    this.setAttribute('checked', '');
  } else {
    this.removeAttribute('checked');
```

Custom events

const event = new CustomEvent('my-custom-event', options);
this.dispatchEvent(event);

element.addEventListener('my-custom-event', () => this.myMethod())



```
const event = new CustomEvent('my-custom-event', {
  bubbles: true,
});
```

Scoped style

```
export class Item extends HTMLElement {
 constructor() {
    super();
   this.attachShadow({ mode: 'open' });
 connectedCallback() {
   this.shadowRoot.innerHTML = `
```



```
import {
  FirstElement,
  SecondElement,
  ThirdElement,
  FourthElement,
} from './library';
window.customElement.define('library-first-element', FirstElement);
window.customElement.define('library-second-element', SecondElement);
window.customElement.define('library-third-element', ThirdElement);
window.customElement.define('library-fourth-element', FourthElement);
```

```
import { defineCustomComponents } from '/lib/importer';
defineCustomComponents('/library', { prefix: 'library' });
```

```
import { defineCustomComponents } from '/lib/importer';

defineCustomComponents('/native-elements', { prefix: 'native' });
 defineCustomComponents('/lit-elements', { prefix: 'lit' });
```

Muchas gracias