#### index.html

### monitor.js

```
export default class Monitor {
    constructor(code = 0, name = "unknown", size = 0, resolution = "1440x1080") {
        this._code = code;
        this._name = name;
        this._sizeInInches = size;
        this._stock = 0;
        this._price = 0;
        this._resolution = resolution;
        this._imgURL = "path";
    }
    get name() {
        return this._name;
    }
    get resolution() {
        return this._resolution;
    }
    get code() {
        return this._code;
    }
    get imgURL() {
        return this._imgURL;
    }
}
```

```
get size() {
get price() {
get stock() {
* @param {string} path set a new path
set imgURL(path) {
   this._imgURL = path;
* @param {number} amount set a new amount
set stock(amount) {
* @param {number} size set a new size
set size(size) {
* @param {string} name set a new name
set name(name) {
* @param {string} code set a new code
set code(code) {
```

```
this._code = code;
}

/**

* @param {string} resolution set a new resolution

*/
set resolution(resolution) {
    this._resolution = resolution;
}

/**

* @param {number} size set a new size

*/
set size(size) {
    this._sizeInInches = size;
}

/**

* @param {number} price set a new price

*/
set price(price) {
    this._price = price;
}
```

#### products.js

```
import Monitor from "./monitor.js";
const products = [];
products.push(new Monitor(1, "BENQ ZOWIE XL2731", 27, "1920x1080"));
products[0]._price = 9900;
products[0]._stock = 0;
products[0]._imgURL = "./images/ZOWIE-XL2731.jpg";
products.push(new Monitor(2, "BENQ MOBIUZ EX3415R", 34, "3440x1440"));
products[1]. price = 35900;
products[1]._stock = 5;
products[1]._imgURL = "./images/MOBIUZ-EX3415R.jpg";
products.push(new Monitor(3, "BENQ MOBIUZ EX2710R", 27, "2560x1440"));
products[2]. price = 21900;
products[2]._stock = 10;
products[2]._imgURL = "./images/MOBIUZ-EX2710R.jpg";
products.push(new Monitor(4, "BENQ EW2780Q", 27, "2560x1440"));
products[3]. price = 9500;
products[3]._stock = 15;
products[3]._imgURL = "./images/EW2780Q.jpg";
products.push(new Monitor(5, "BENQ EW2480", 24, "1920x1080"));
products[4]._price = 5500;
products[4]._stock = 22;
products[4]._imgURL = "./images/EW2480.jpg";
products.push(new Monitor(6, "BENQ EX3203R", 31.5, "2560x1440"));
products[5]. price = 16900;
products[5]._stock = 2;
products[5]._imgURL = "./images/EX3203R.jpg";
products.push(new Monitor(7, "BENQ ZOWIE XL2546", 24.5, "1920x1080"));
products[6]._price = 15900;
products[6]. stock = 7;
products[6]._imgURL = "./images/ZOWIE-XL2546.jpg";
products.push(new Monitor(8, "BENQ GW2780", 27, "1920x1080"));
products[7]._price = 5900;
products[7]._stock = 0;
products[7]. imgURL = "./images/GW2780.jpg";
```

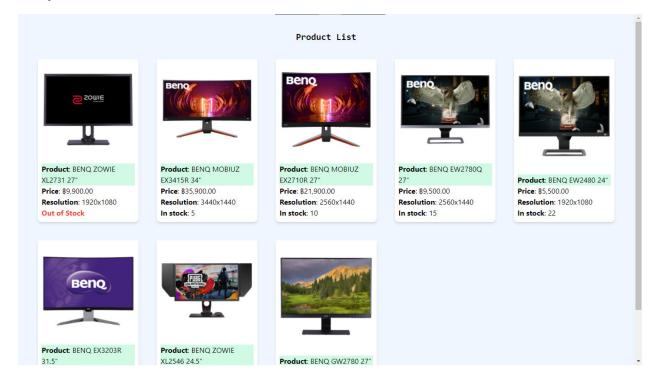
```
export { products as default };
```

### script.js

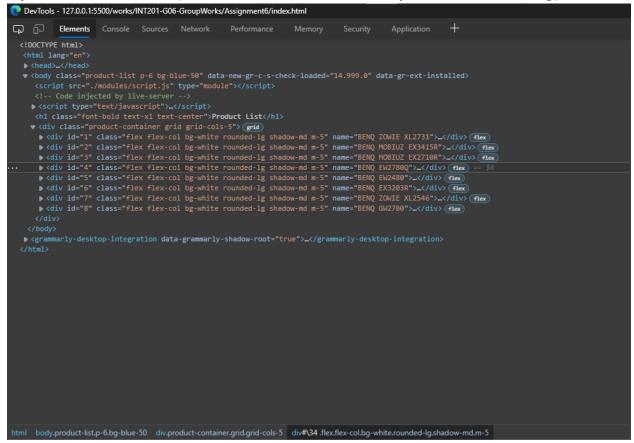
```
import products from "./products.js";
let body = document.querySelector("body");
body.className = "product-list p-6 bg-blue-50";
let title = document.createElement("h1");
title.className = "font-bold text-xl text-center";
title.textContent = "Product List";
body.appendChild(title);
let divContainer = document.createElement("div");
divContainer.className = "product-container grid grid-cols-5";
let container = body.appendChild(divContainer);
for (const product of products) {
    let divList = document.createElement("div");
    divList.id = product.code;
    divList.className = "flex flex-col bg-white rounded-lg shadow-md m-5";
    divList.setAttribute("name", product.name);
    let divItem = container.appendChild(divList);
    let img = document.createElement("img");
    img.src = product.imgURL;
    img.alt = product.name;
    img.style = "width: 100%; height: 100%;";
    divItem.appendChild(img);
    let divDetails = document.createElement("div");
    divDetails.className = "details p-2";
    let name = document.createElement("div");
    name.className = "bg-green-100 flex-1";
```

```
name.innerHTML = `<b>Product: </b>${product.name} ${product.size}"`;
divDetails.appendChild(name);
let price = document.createElement("div");
price.innerHTML = `<b>Price: </b>${new Intl.NumberFormat("th-TH", {
    style: "currency",
    currency: "THB",
}).format(product.price)}`;
divDetails.appendChild(price);
let res = document.createElement("div");
res.innerHTML = `<b>Resolution: </b>${product.resolution}`;
divDetails.appendChild(res);
let stock = document.createElement("div");
if (product.stock == 0) {
   let outOfStock = document.createElement("b");
    outOfStock.className = "text-red-500";
    outOfStock.textContent = "Out of Stock";
    stock.appendChild(outOfStock);
    stock.innerHTML = `<b>In stock: </b>${product.stock}`;
divDetails.appendChild(stock);
divItem.appendChild(divDetails);
```

# Output



## Dynamic source code (overall & the first two example details in div tag)



```
© DevTools - 127.0.15500/works/NT201-G0G-GroupWorks/Assignment6/index.html

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GIT LINK (This Assignment => include work ratio): Click here

GIT LINK (All Assignment): Click here