

index:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content=
"IE=edge">
  <meta name="viewport" content=
"width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="./modules/style.css">
  <title>Product list</title>
</head>
<body class="product-list p-6 bg-blue-50">
  <h1>Product list</h1>
  <script src="./modules/script.js" type="module"></
script>
</body>
</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() {
    return this._sizeInInches;
  }

  get price() {
    return this._price;
  }

  get stock() {
    return this._stock;
  }

  /**
   * @param {string} path set a new path
   */
  set imgURL(path) {
    this._imgURL = path;
  }

  /**
   * @param {number} amount set a new amount
   */
}
```

```
set stock(amount) {
    this._stock += amount;
}

/**
 * @param {number} size set a new size
 */
set size(size) {
    this._sizeInInches = size;
}

/**
 * @param {string} name set a new name
 */
set name(name) {
    this._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 = 20;
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 = 11;
products[7]._imgURL = "./images/GW2780.jpg";

export { products as default };
```

script.js:

```
import products from "../products.js";

// code here
let body = document.querySelector("body.product-list");

let divContainer = document.createElement("div");
divContainer.className = "product-container";

// add container to body
let container = body.appendChild(divContainer);
container.className = "grid grid-cols-5";

for (const product of products) {
  // add div to container in body
  let divList = document.createElement("div");
  divList.id = product.code;
  divList.className = "flex flex-col bg-white rounded-lg shadow-md m-5";
  let divItem = container.appendChild(divList);

  // add img to div in container
  let img = document.createElement("img");
  img.src = product.imageUrl;
  img.alt = product.name;
  img.style = "width: 100%; height: 100%;";
  divItem.appendChild(img);

  // add Description to div in container
  let divDesc = document.createElement("div");
  divDesc.className = "p-2";

  let name = document.createElement("div");
  name.className = "bg-green-100 font-mono flex-1";
  name.innerHTML = `<b>Name</b> : ${product.name} ${product.size}`;
  divDesc.appendChild(name);









  let price = document.createElement("div");
  price.className = "";
  price.innerHTML = `<b>Price</b> : ${product.price}`;
  divDesc.appendChild(price);

  let res = document.createElement("div");
  res.className = "";
  res.innerHTML = `<b>Resolution</b> : ${product.resolution}`;
  divDesc.appendChild(res);

  let stock = document.createElement("div");
  stock.className = "";
  stock.innerHTML = `<b>In stock</b> : ${product.stock}`;
  divDesc.appendChild(stock);









  divItem.appendChild(divDesc);
}
```

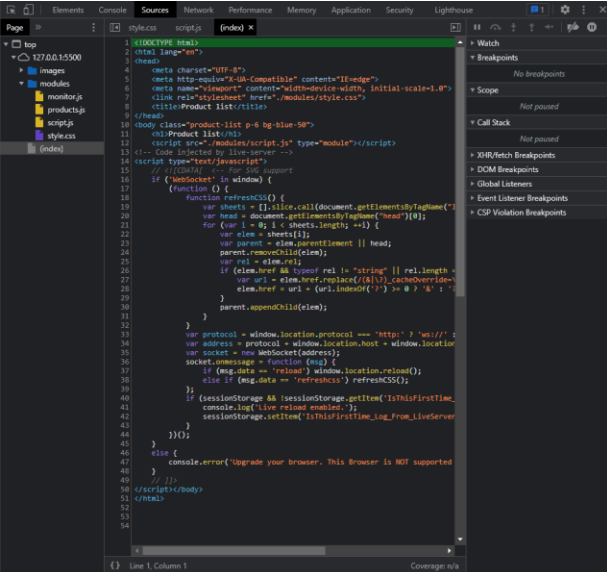
Product list

 <p>Name : BENQ ZOWIE XL2731 27" Price : 9900 Resolution : 1920x1080 In stock : 20</p>	 <p>Name : BENQ MOBIUZ EX3415R 34" Price : 35900 Resolution : 3440x1440 In stock : 5</p>	 <p>Name : BENQ MOBIUZ EX2710R 27" Price : 21900 Resolution : 2560x1440 In stock : 10</p>	 <p>Name : BENQ EW2780Q 27" Price : 9500 Resolution : 2560x1440 In stock : 15</p>	 <p>Name : BENQ EW2480 24" Price : 5500 Resolution : 1920x1080 In stock : 22</p>
 <p>Name : BENQ EX3203R 31.5" Price : 16900 Resolution : 2560x1440 In stock : 2</p>	 <p>Name : BENQ ZOWIE XL2546 24.5" Price : 15900 Resolution : 1920x1080 In stock : 7</p>	 <p>Name : BENQ GW2780 27" Price : 5900 Resolution : 1920x1080 In stock : 11</p>		

Dynamic source code:

Product list

 <p>Name : BENQ ZOWIE XL2731 27" Price : 9900 Resolution : 1920x1080 In stock : 20</p>	 <p>Name : BENQ MOBIUZ EX3415R 34" Price : 35900 Resolution : 3440x1440 In stock : 5</p>	 <p>Name : BENQ MOBIUZ EX2710R 27" Price : 21900 Resolution : 2560x1440 In stock : 10</p>	 <p>Name : BENQ EW2780Q 27" Price : 9500 Resolution : 2560x1440 In stock : 15</p>	 <p>Name : BENQ EW2480 24" Price : 5500 Resolution : 1920x1080 In stock : 22</p>
 <p>Name : BENQ EX3203R 31.5" Price : 16900 Resolution : 2560x1440 In stock : 2</p>	 <p>Name : BENQ ZOWIE XL2546 24.5" Price : 15900 Resolution : 1920x1080 In stock : 7</p>	 <p>Name : BENQ GW2780 27" Price : 5900 Resolution : 1920x1080 In stock : 11</p>		



```

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3
4 <meta charset="UTF-8">
5 <meta http-equiv="X-UA-Compatible" content="IE=edge">
6 <meta name="viewport" content="width=device-width, initial-scale=1.0">
7 <link rel="stylesheet" href="modules/style.css">
8 <title>Product list</title>
9 </head>
10 <body class="product-list p-4 bg-blue-50">
11 <div>Product list</div>
12 <script type="text/javascript">
13 // Code injected by live-server --
14 (script type="text/javascript">
15 // Initial - For live support
16 if (!window.socket) {
17   function refreshCSS() {
18     var sheets = [];
19     sheets = document.getElementsByTagName("link");
20     for (var i = 0; i < sheets.length; ++i) {
21       var elm = sheets[i];
22       var parent = elm.parentNode || head;
23       parent.removeChild(elm);
24       var rel = elm.rel;
25       if (elm.href && typeof rel in ["stylesheet"]) rel.length =
26         var url = elm.href.replace(/(\/|\\).cacheOverride=
27         elm.href = url + (url.indexOf('?') > 0 ? '?' : '&') +
28       }
29       parent.appendChild(elm);
30     }
31   }
32   var protocol = window.location.protocol === 'http:' ? 'http://' :
33   var address = protocol + window.location.host + window.location
34   var socket = new WebSocket(address);
35   socket.onmessage = function (msg) {
36     if (msg.data === "reload") window.location.reload();
37     else if (msg.data === "refreshcss") refreshCSS();
38   };
39   if (sessionStorage.getItem('isThisFirstTime') === 'true') {
40     console.log('Live reload enabled');
41     sessionStorage.setItem('isThisFirstTime_log_from_LiveServer
42   }
43   }());
44   } else {
45     console.error('Upgrade your browser. This Browser is NOT supported
46   }
47   // });
48 </script></body>
49 </html>
50
51
52
53
54

```

GIT LINK (This Assignment): <https://github.com/xbklyn/INT201-G06-GroupWorks/tree/main/Assignment6>

GIT LINK (All Assignment): <https://github.com/xbklyn/INT201-G06-GroupWorks>