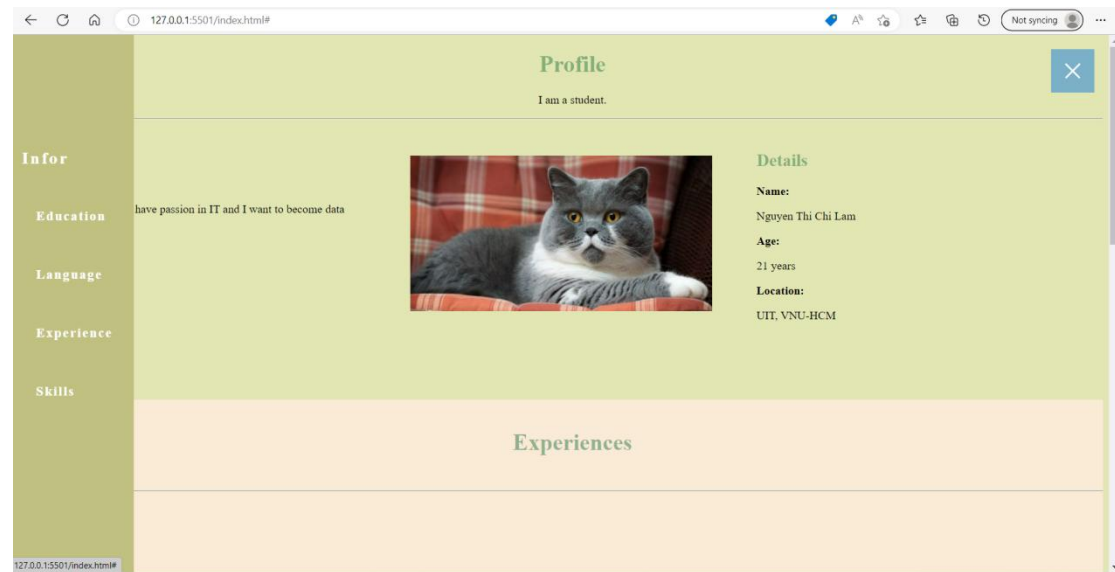
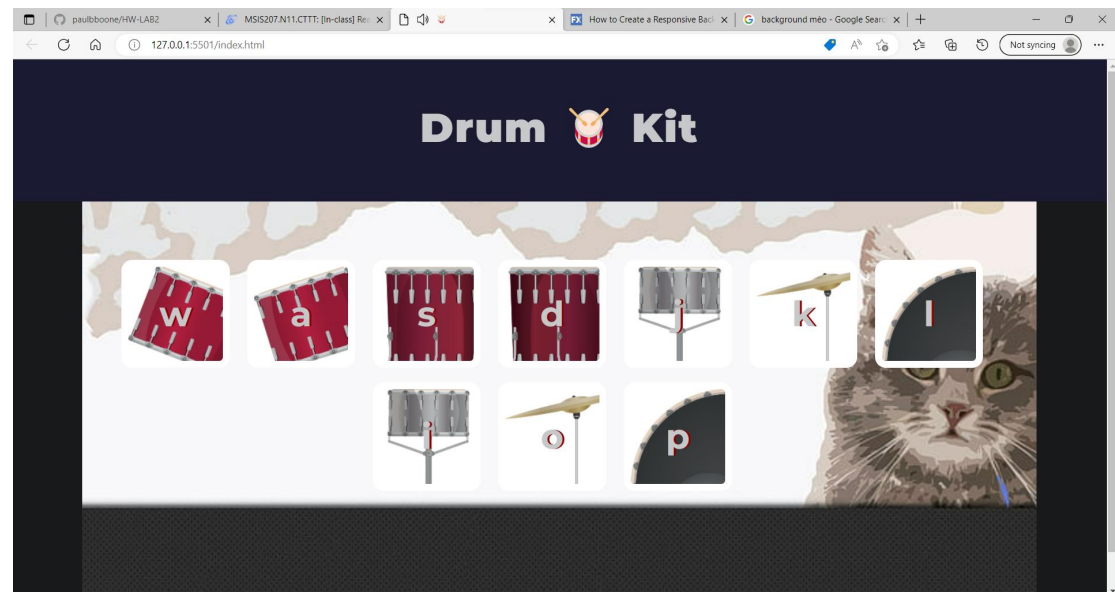


Link Git: [paulbboone/HW-LAB2 \(github.com\)](https://github.com/paulbboone/HW-LAB2)

HW1:



HW2:



HW3:

EXPLORER

HW3\_LAB2

JS MakeMultiFi... M

JS TemplateProesso...

TemplateProcessor.js

MakeMultiFilter.js M X

MakeMultiFilter.js > ...

You, 1 second ago | 1 author (You)

```
1 function MakeMultiFilter(array) {
2   var originalArray = array;
3   var currentArray = originalArray;
4   return function arrayFilterer1(pred, callback) {
5     if (typeof pred !== "function") return currentArray;
6     // Filter out things
7     currentArray = currentArray.filter(pred);
8     // If callback is a function, execute callback
9     if (typeof callback === "function")
10      callback.call(originalArray, currentArray);
11     return arrayFilterer1;
12   };
13 }
14
15 // Invoking MakeMultiFilter() with originalArray = [1, 2, 3] returns a
16 // function, saved in the variable arrayFilterer1, that can be used to
17 // repeatedly filter the input array
18 var arrayFilterer1 = MakeMultiFilter([1, 2, 3]);
19
20 // Call arrayFilterer1 (with a callback function) to filter out all the numbers
21 // not equal to 2.
22 arrayFilterer1(
23   function (elem) {
24     return elem !== 2; // check if element is not equal to 2
25   },
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL GITLENS

```
PS D:\TÀI LIỆU HỌC TẬP\Phát triển ứng dụng web\Thực hành\HW-LAB2\HW3_LAB2> node MakeMultiFilter.js
[ 1, 2, 3 ]
[ 1, 3 ]
currentArray [ 1 ]
currentArray2 [ 1 ]
[ 1, 3 ]
[ 4, 5, 6 ]
PS D:\TÀI LIỆU HỌC TẬP\Phát triển ứng dụng web\Thực hành\HW-LAB2\HW3_LAB2>
```

OUTLINE

HW3\_LAB2

JS MakeMultiFi... M

JS TemplatePro... M

TemplateProcessor.js > ...

You, 5 days ago | 1 author (You)

```
1 var varDeclared = ["varDeclared", "p1Message", "p2Message", "p3Message"];
2
3 class TemplateProcessor {
4   constructor(template) {
5     this.template = template;
6   }
7   fillIn(dictionary) {
8     var temp = this.template;
9     for (var key in dictionary) {
10      var re = new RegExp("\\{\\{" + key + "\\}\\}\\}");
11      temp = temp.replace(re, dictionary[key]);
12    }
13    temp = temp.replace(new RegExp("\\{\\{\\w+\\}\\}\\}", "g"), "g");
14    return temp;
15  }
16 }
17
18 var template =
19 | "My favorite month is {{month}} but not the day {{day}} or the year {{year}}";
20 var dateTemplate = new TemplateProcessor(template);
21
22 var dictionary = { month: "July", day: "1", year: "2016" };
23 var str = dateTemplate.fillIn(dictionary);
24 console.log(str);
25
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL GITLENS

```
[ 1, 3 ]
currentArray [ 1 ]
currentArray2 [ 1 ]
[ 1, 3 ]
[ 4, 5, 6 ]
PS D:\TÀI LIỆU HỌC TẬP\Phát triển ứng dụng web\Thực hành\HW-LAB2\HW3_LAB2> node TemplateProcessor.js
My favorite month is July but not the day 1 or the year 2016
My favorite month is but not the day 1 or the year 2016
PS D:\TÀI LIỆU HỌC TẬP\Phát triển ứng dụng web\Thực hành\HW-LAB2\HW3_LAB2>
```