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Link Github: <https://github.com/kudat-uit/Lab2-MSIS207.O12.CTTT.git>

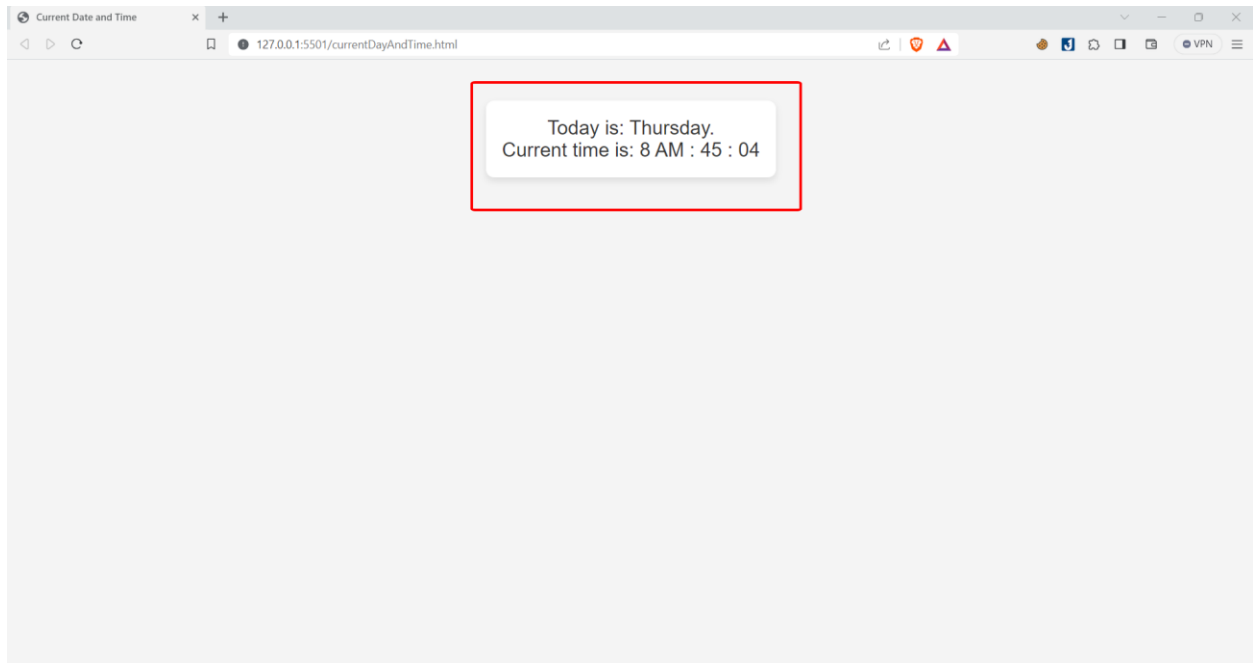
Basic Javascript – Exercise 1

1. Write a JavaScript program to display the current day and time in the following format.

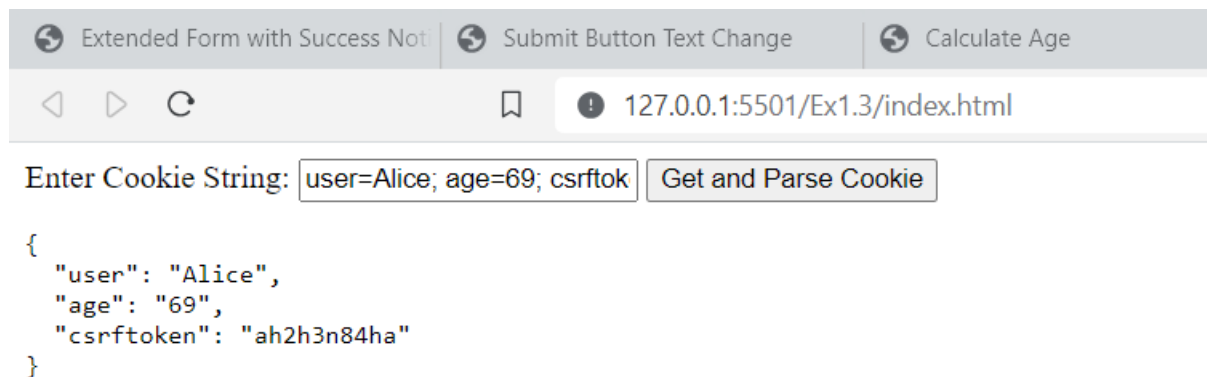
For example:

Today is Thursday.

The current time is: 1 PM: 00 : 00



3. Write a JavaScript program to parse an HTTP Cookie header string and return an object of all cookie name-value pairs.

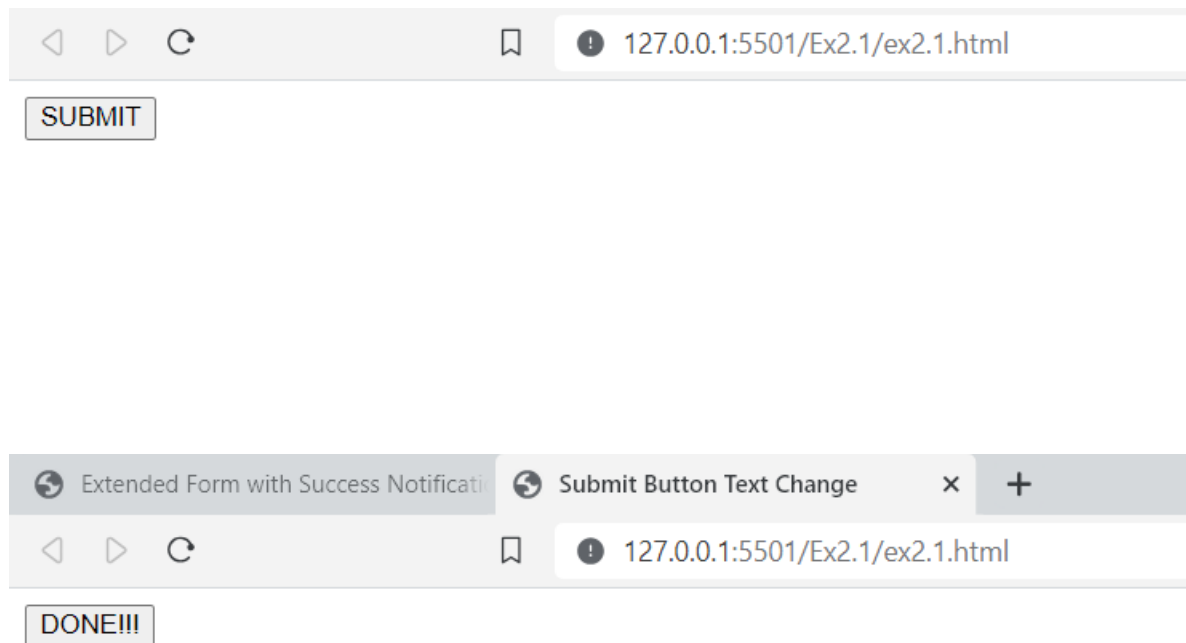


The screenshot shows a web browser with three tabs: "Extended Form with Success Notif...", "Submit Button Text Change", and "Calculate Age". The address bar shows the URL "127.0.0.1:5501/Ex1.3/index.html". Below the address bar, there is a text input field labeled "Enter Cookie String:" containing the string "user=Alice; age=69; csrftok". To the right of the input field is a button labeled "Get and Parse Cookie". Below the input field, the output of the JavaScript program is displayed as a JSON object:

```
{
  "user": "Alice",
  "age": "69",
  "csrftoken": "ah2h3n84ha"
}
```

Basic Javascript – Exercise 2

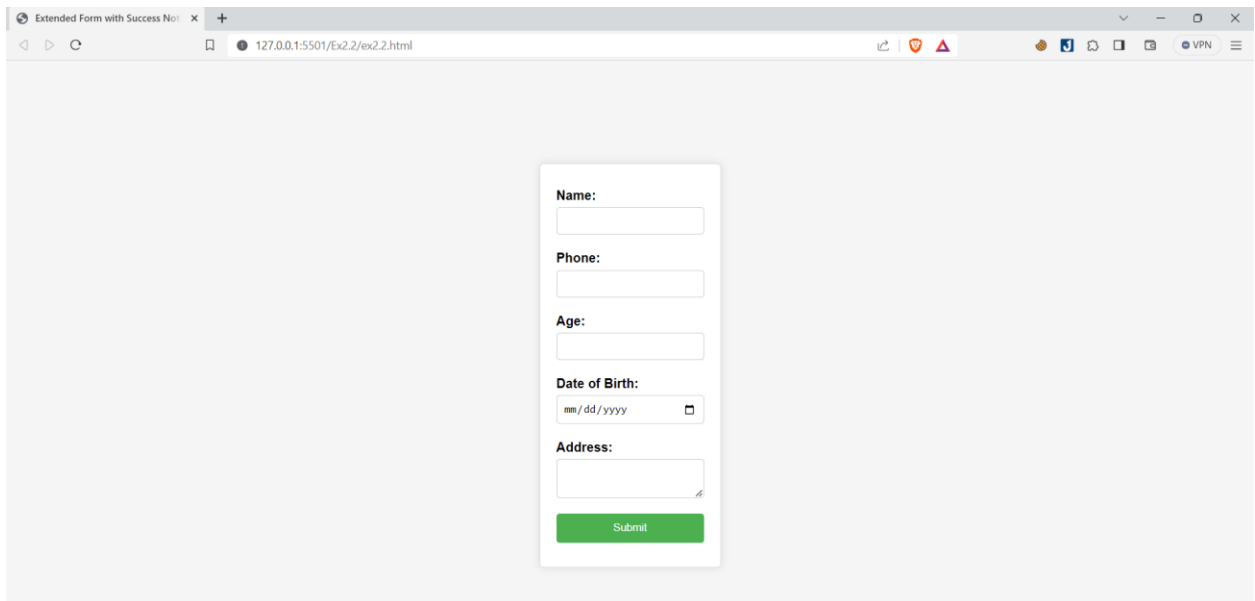
1. Use javascript to create a submit button. After that changing the text on it.



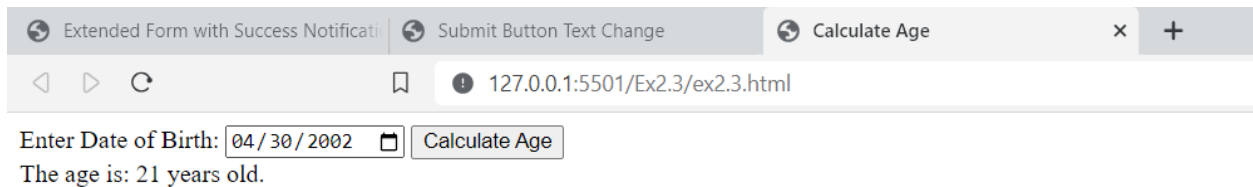
The screenshot shows a web browser with three tabs: "Extended Form with Success Notif...", "Submit Button Text Change", and a new tab with a plus sign. The address bar shows the URL "127.0.0.1:5501/Ex2.1/ex2.1.html". Below the address bar, there is a button labeled "SUBMIT".

The second screenshot shows the same web browser with the same tabs and address bar. The button now displays the text "DONE!!!".

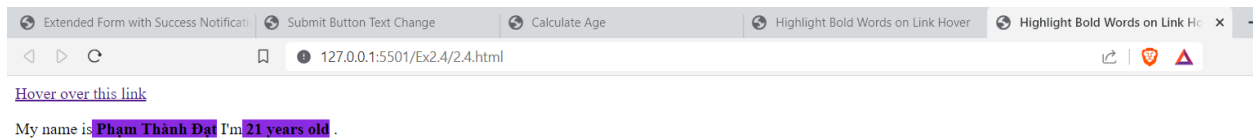
2. Use javascript to create a form. Next, write a JavaScript function to get the value of the submit button that you create in Exercise 1.



3. Write javascript code to create a form to calculate the age of other people.



4. Write a JavaScript application that, when a user hovers over a certain link, highlights the bold words of the following text.



Exercise 3

Javascript with DOM: [javascript - dom - a Collection by 제미소/VDC-Nguyễn Thanh Bình on CodePen](#)

DOM - interval, button and counter

제미소/VDC-Nguyễn Thanh Bình

Settings

Sign Up

Log In

HTML

CSS

JS

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Page Title</title>
5 </head>
6 <body>
7 <button id='btnControl'
8   onClick='control()'>Start</button>
9 <p id='counter'></p>
10 </body>
11 </html>
```

```
1
2
```

```
1 let counterElement =
2   document.getElementById("counter");
3 let controlElement =
4   document.getElementById("btnControl");
5 let counter = 0;
6 let intervalId = 0;
7
8 function increaseCounter () {
9   counter ++;
10  counterElement.innerText = counter;
11 }
12
13 function control () {
14   if (controlElement.innerText === 'Start') {
15     controlElement.innerText = 'Pause';
```

Pause

36

DOM - load array to list

제미소/VDC-Nguyễn Thanh Bình

Settings

Sign Up

Log In

HTML

CSS

JS

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Page Title</title>
5 </head>
6 <body onload = 'loadData()'>
7 <ul></ul>
8 </body>
9 </html>
```

```
1
2
```

```
1 function loadData(){
2   const fruitList = ["apple", "banana", "tomato"];
3   const ulElement = document.querySelector("ul");
4
5   fruitList.forEach((fruit) => {
6     const itemElement =
7       document.createElement("li");
8     itemElement.textContent = fruit;
9     ulElement.appendChild(itemElement);
10  });
11 }
```

- apple
- banana
- tomato

DOM - load image to div

제미소/VDC-Nguyễn Thanh Bình

Settings

Sign Up

Log In

HTML

CSS

JS

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Page Title</title>
5 </head>
6 <body onload = 'loadData()'>
7 <div></div>
8 </body>
9 </html>
```

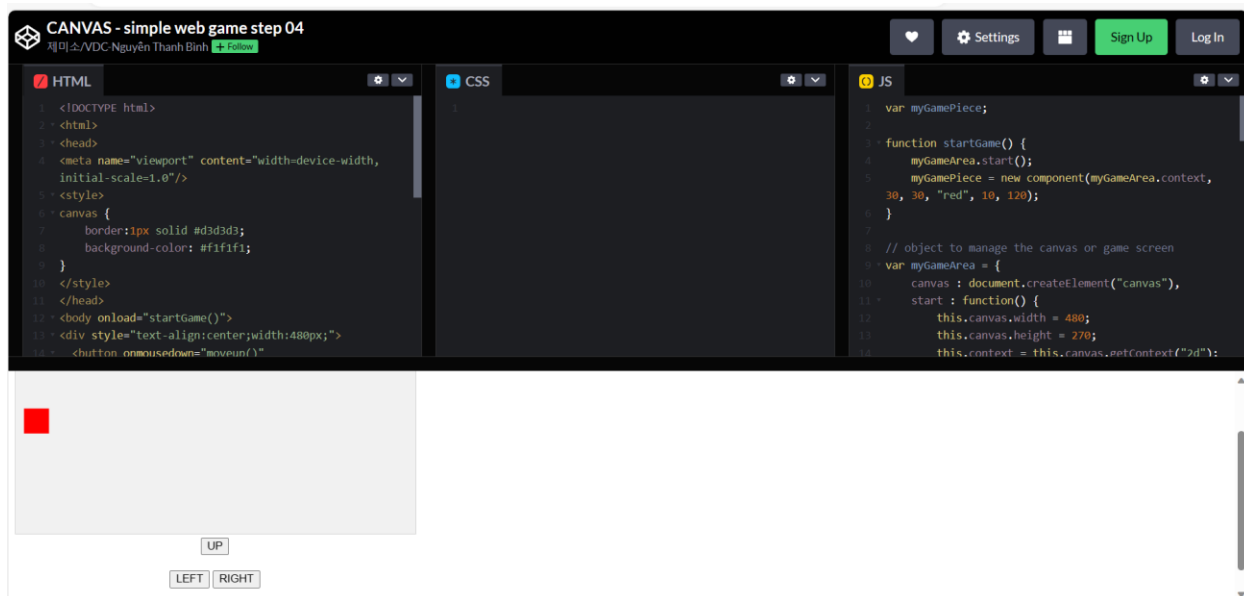
```
1
2
```

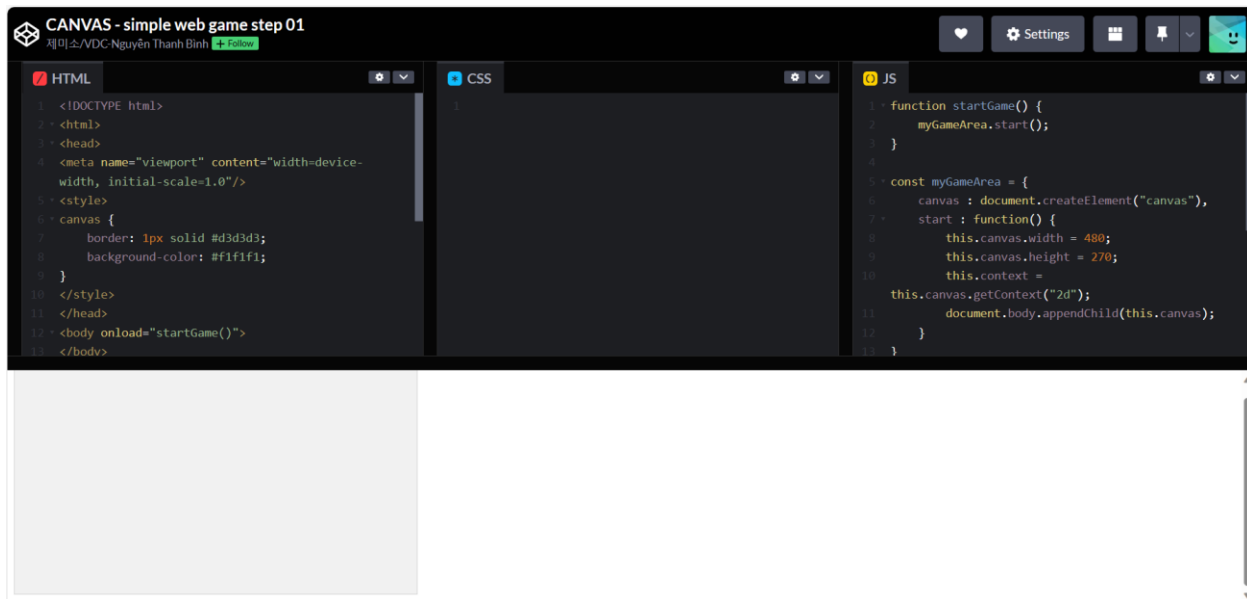
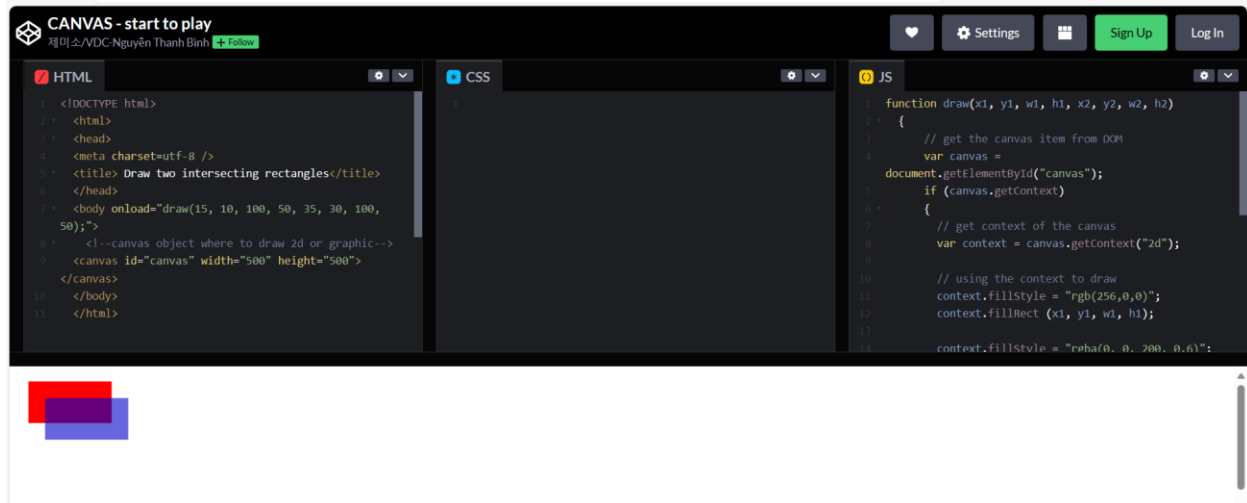
```
1 function loadData () {
2   const divElement = document.querySelector("div");
3   const imgElement = document.createElement("img");
4   imgElement.src = "https://crocoder.dev/icon.png";
5   divElement.appendChild(imgElement);
6 }
```

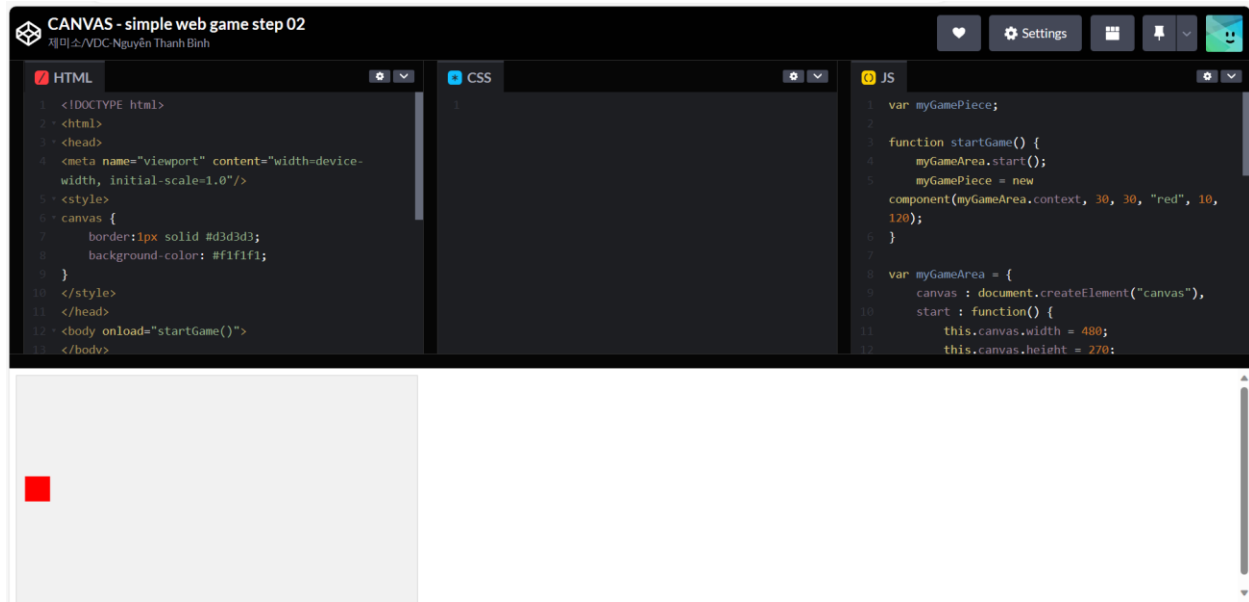




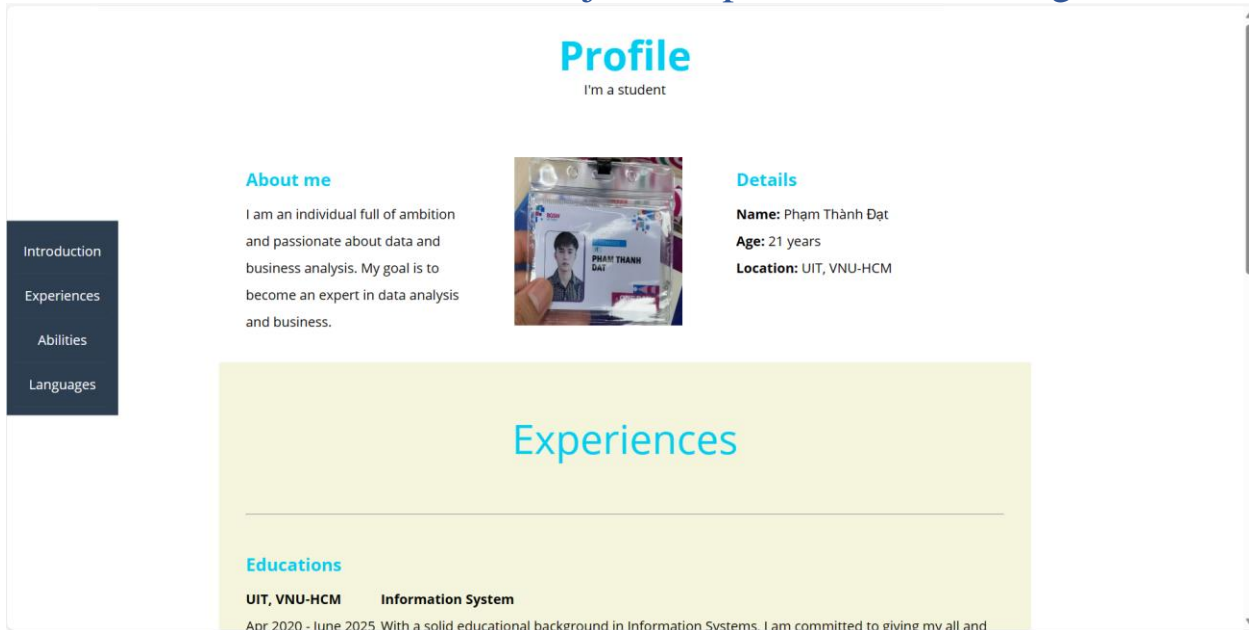
Javascript with CANVAS: [javascript - canvas - a Collection by 제미소/VDC-Nguyễn Thanh Bình on CodePen](#)



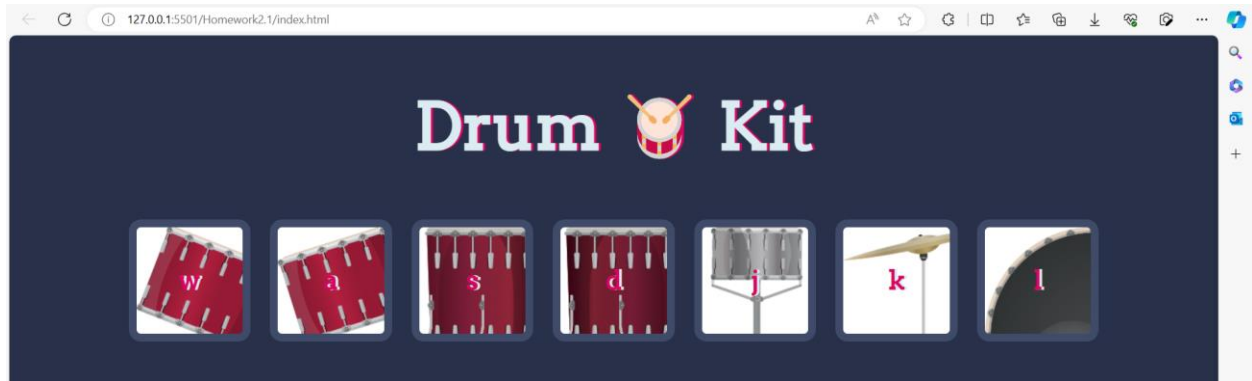




Homework 1 – Please add some javascript code to make it great



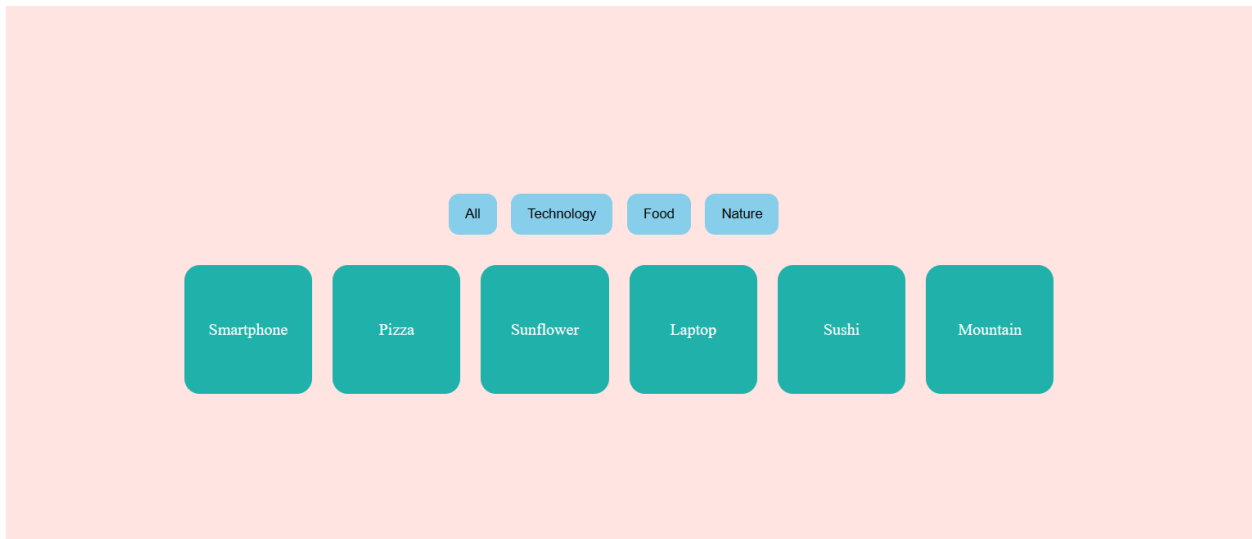
Homework 2.1



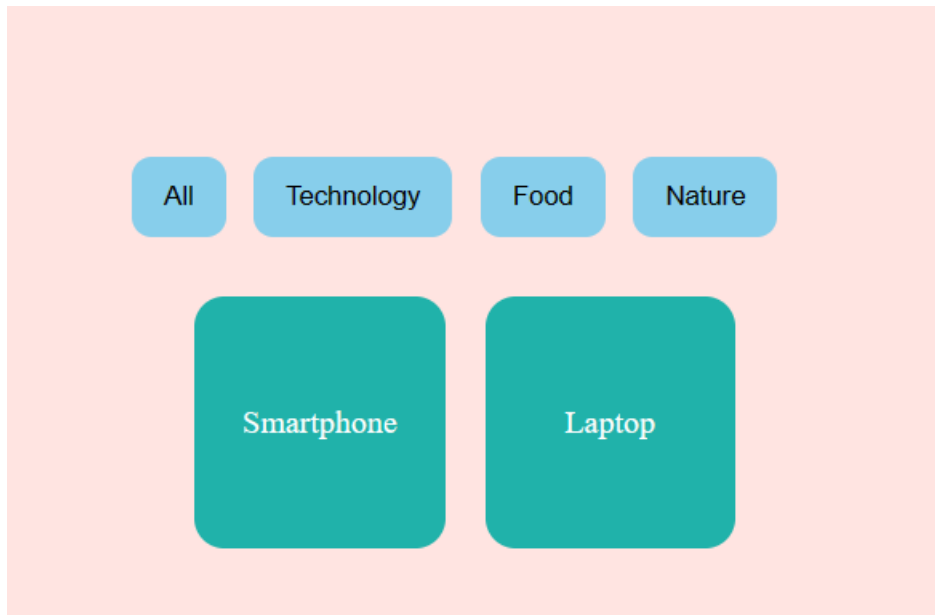
Homework 2.2

Problem 1. make-multi-filter.js

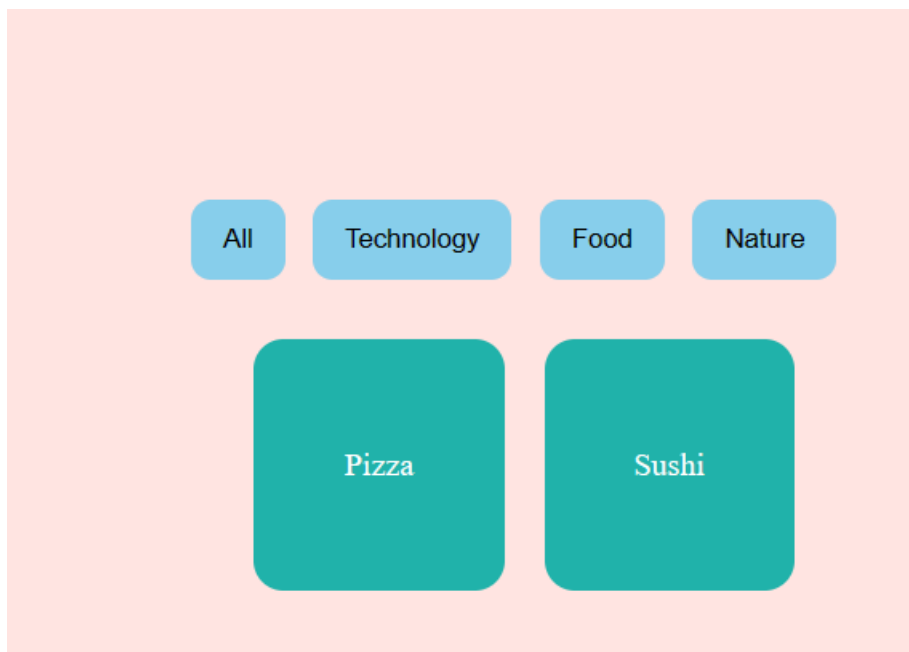
- All types



- Type of technology



- Type of food



- Type of Nature



Problem 2.

My favorite month is July but not the day 1 or the year 2016

Homework 2.3.1

127.0.0.1:5501 says

Invalid Name or Password.

OK

Login

Username:

20521175-ThanhDat

Password:

...

Login

127.0.0.1:5501 says

Login successful!

OK

Login

Username:

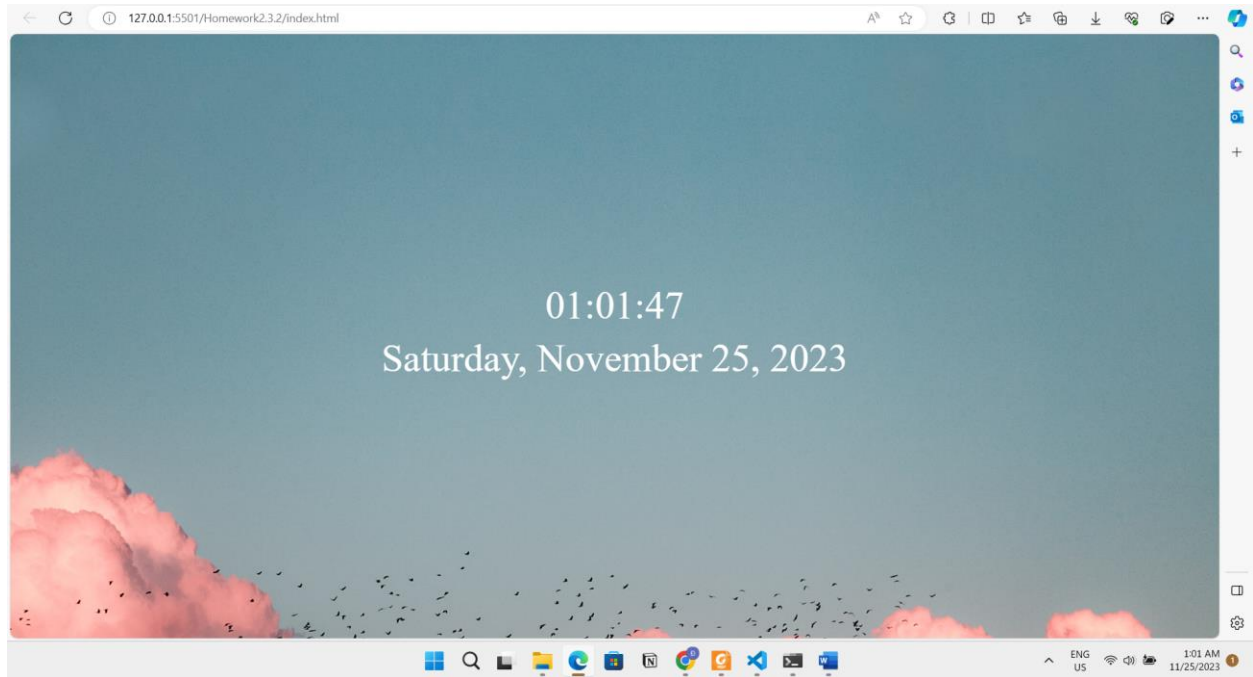
20521175ThanhDat

Password:

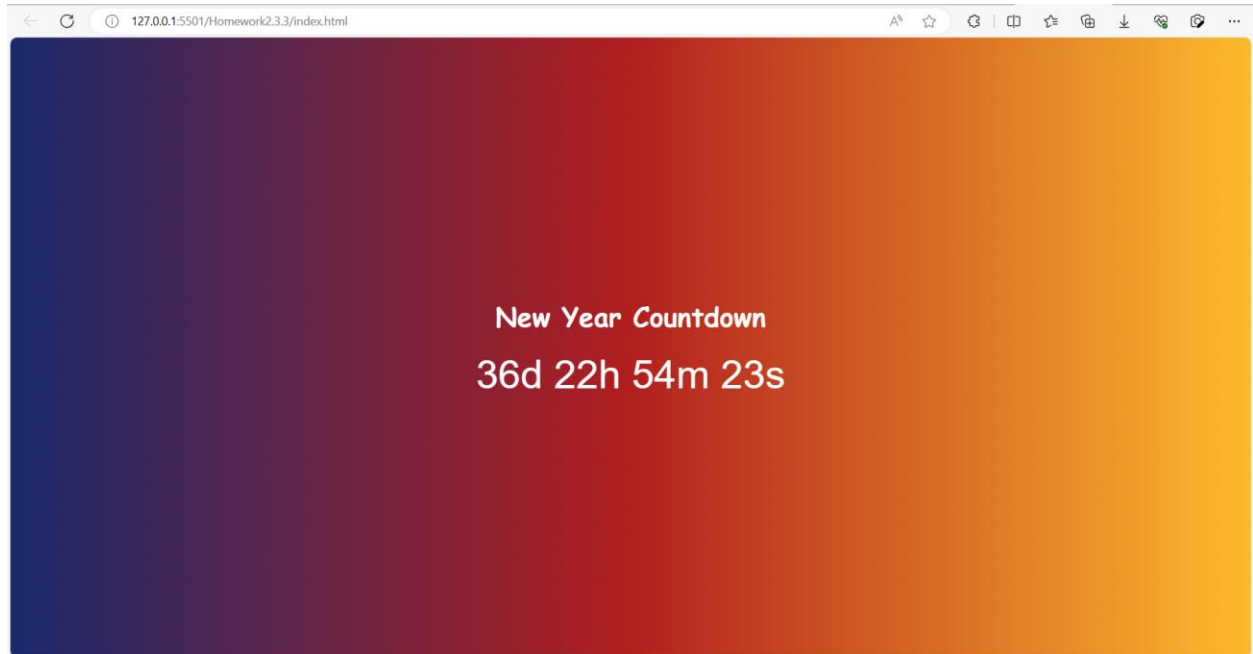
...

Login

Homework 2.3.2



Homework 2.3.3



Homework 2.3.4

