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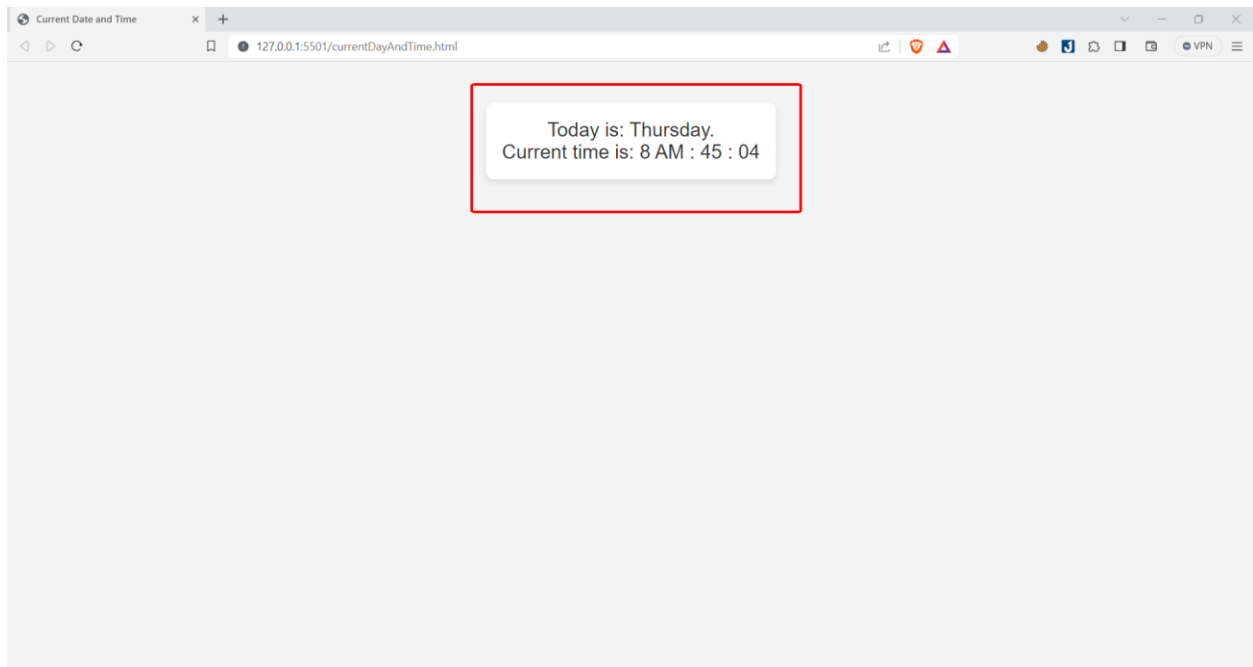
Link Github: <https://github.com/kudat-uit/Lab2-MSIS207.O12.CTTT.git>
Basic Javascript – Exercise 1

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



File HTML code

```

<> currentDayAndTime.html > ...
1  <!DOCTYPE html>
2  <html lang="en">
3    <head>
4      <meta charset="UTF-8" />
5      <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6      <title>Current Date and Time</title>
7      <style>
8        body {
9          font-family: "Arial", sans-serif;
10         text-align: center;
11         margin: 50px;
12         background-color: #f4f4f4;
13       }
14
15       #clock {
16         font-size: 24px;
17         color: #333;
18         padding: 20px;
19         background-color: #fff;
20         border-radius: 10px;
21         display: inline-block;
22         box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
23       }
24     </style>
25   </head>
26   <body>
27     <div id="clock"></div>
28
29     <script src="script.js"></script>
30   </body>
31 </html>
32

```

File JavaScript code

```

JS script.js > ...
1  // script.js
2
3  function updateClock() {
4      var now = new Date();
5
6      var day = now.toLocaleDateString("en-US", { weekday: "long" });
7
8      var hours = now.getHours();
9      var meridiem = hours >= 12 ? "PM" : "AM";
10     hours = hours % 12 || 12; // Convert to 12-hour format
11     var minutes = now.getMinutes();
12     var seconds = now.getSeconds();
13
14     // Add leading zero if the number is less than 10
15     minutes = minutes < 10 ? "0" + minutes : minutes;
16     seconds = seconds < 10 ? "0" + seconds : seconds;
17
18     var formattedTime = `Today is: ${day}.<br>Current time is: ${hours} ${meridiem} : ${minutes} : ${seconds}`;
19
20     var clockElement = document.getElementById("clock");
21
22     if (clockElement) {
23         clockElement.innerHTML = formattedTime;
24     } else {
25         console.error("Element with ID 'clock' not found.");
26     }
27 }
28
29 // Update the clock every second
30 setInterval(updateClock, 1000);
31
32 // Initial call to display the clock immediately
33 updateClock();
34

```

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

[Extended Form with Success Noti](#)
[Submit Button Text Change](#)
[Calculate Age](#)

127.0.0.1:5501/Ex1.3/index.html

Enter Cookie String:

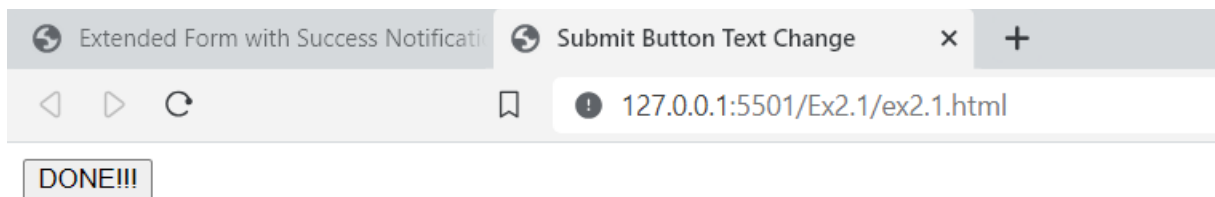
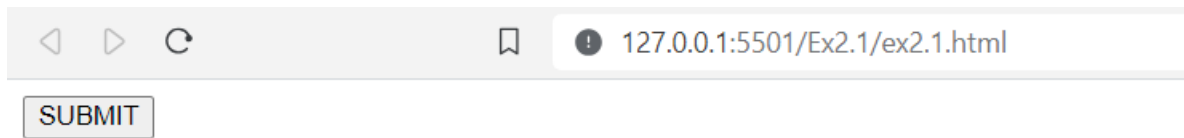
```

{
  "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.



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.

Extended Form with Success Notificati

127.0.0.1:5501/Ex2.2/ex2.2.html

Name:

Phone:

Age:

Date of Birth:

Address:

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

Extended Form with Success Notificati Submit Button Text Change Calculate Age

127.0.0.1:5501/Ex2.3/ex2.3.html

Enter Date of Birth:

The age is: 21 years old.

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

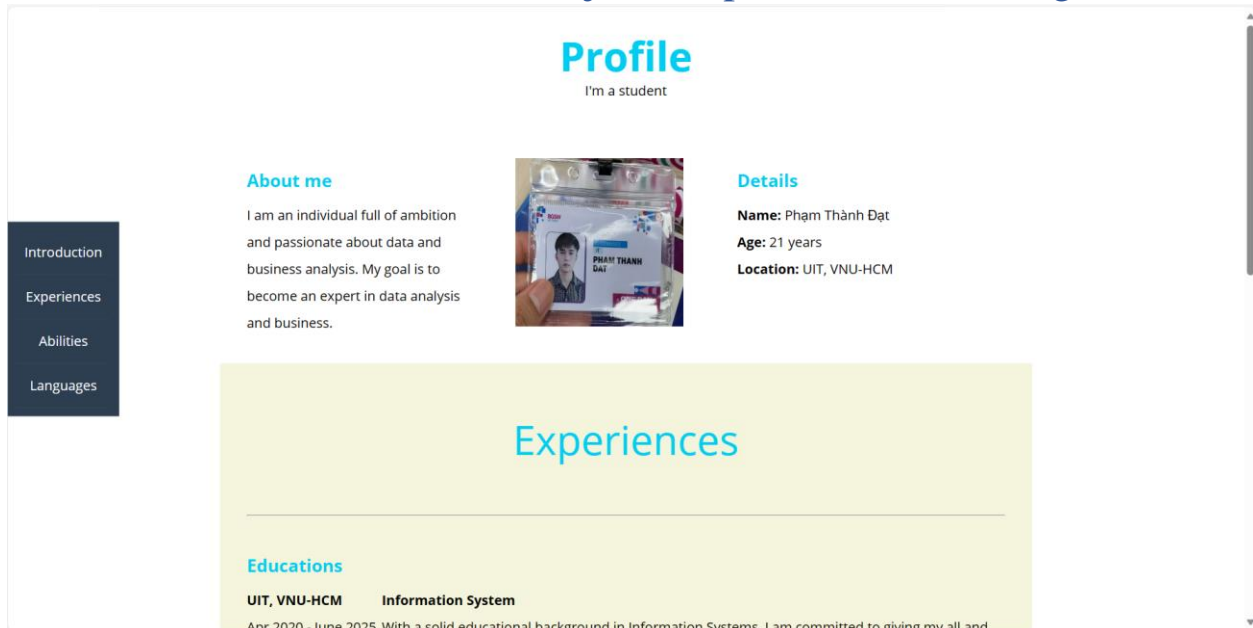
Extended Form with Success Notificati Submit Button Text Change Calculate Age Highlight Bold Words on Link Hover Highlight Bold Words on Link Ho

127.0.0.1:5501/Ex2.4/2.4.html

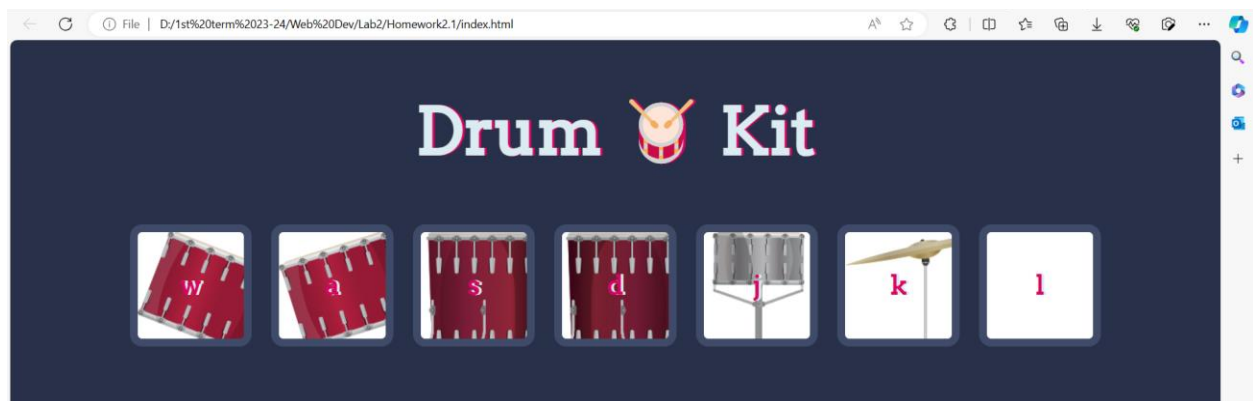
[Hover over this link](#)

My name is **Pham Thành Đạt** I'm **21 years old**.

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



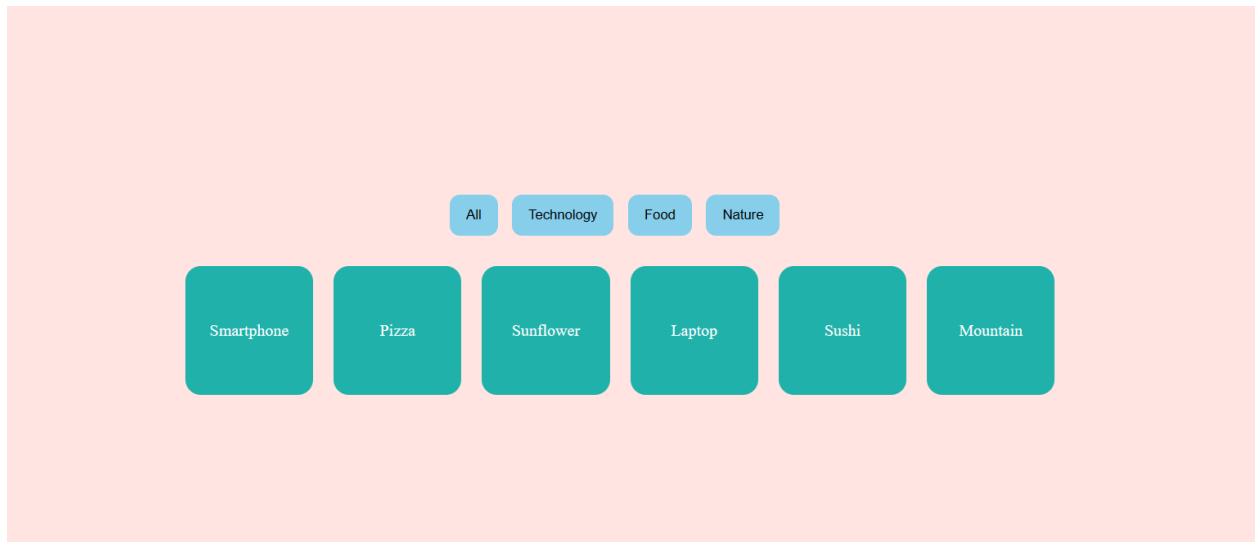
Homework 2.1



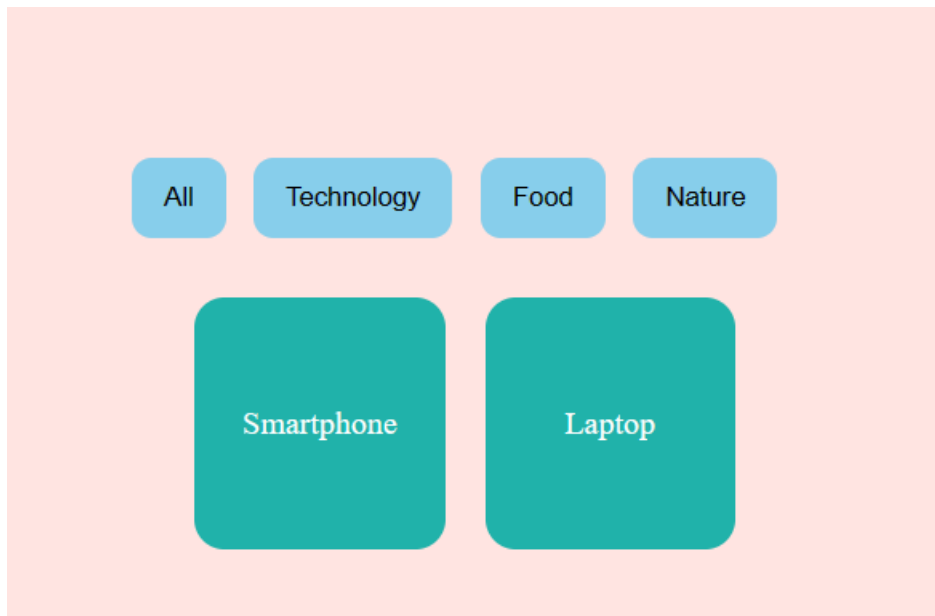
Homework 2.2

Problem 1. make-multi-filter.js

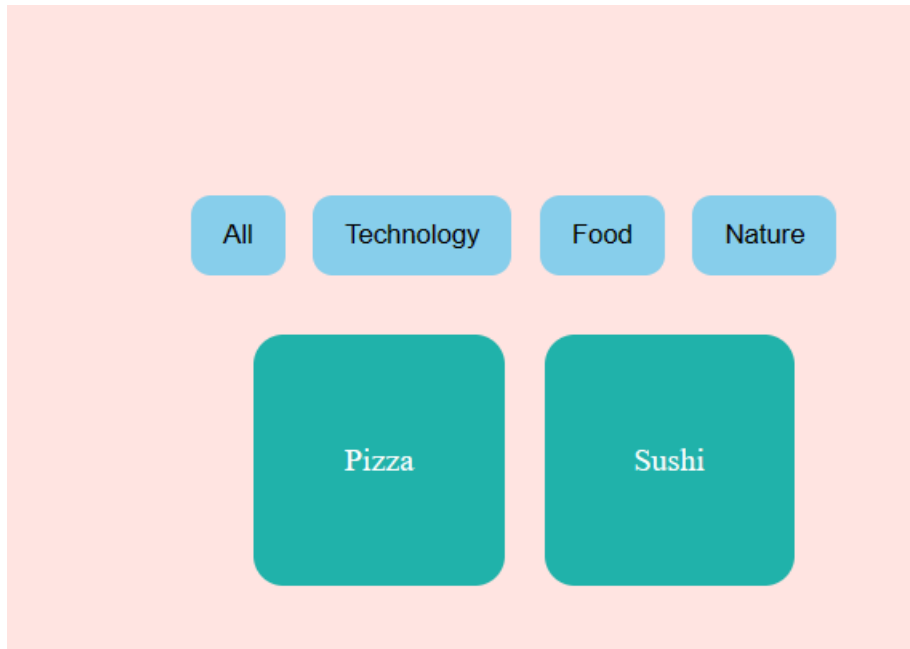
- All types



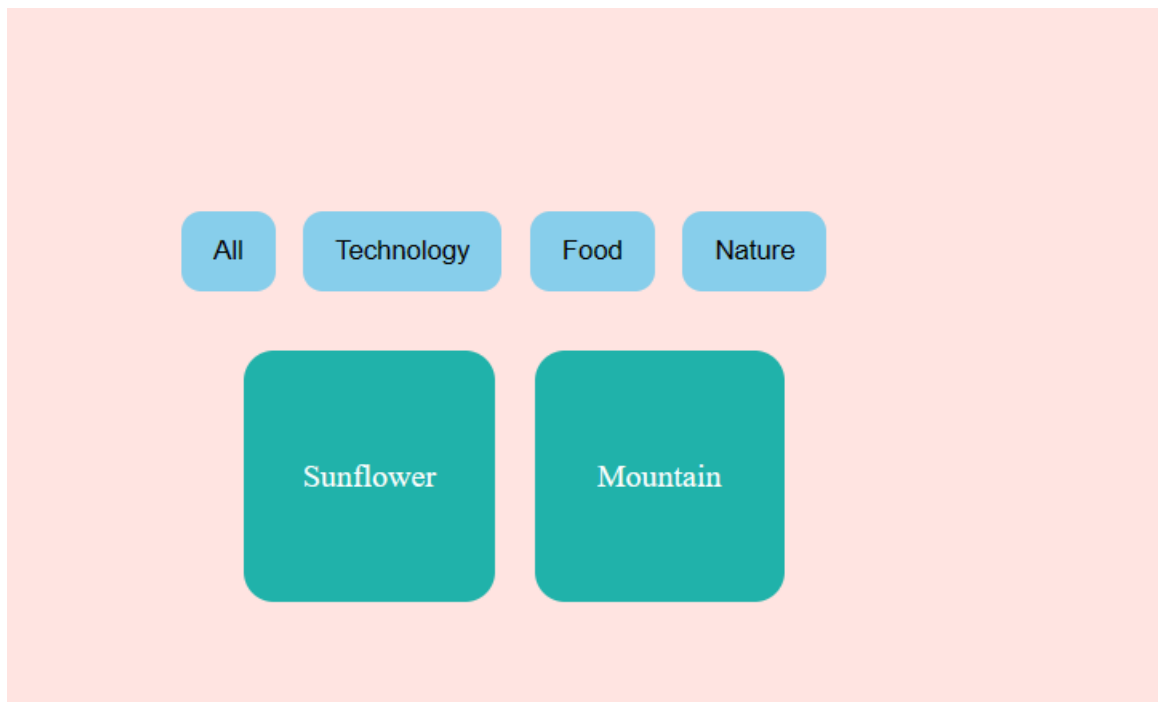
- Type of technology



- 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:

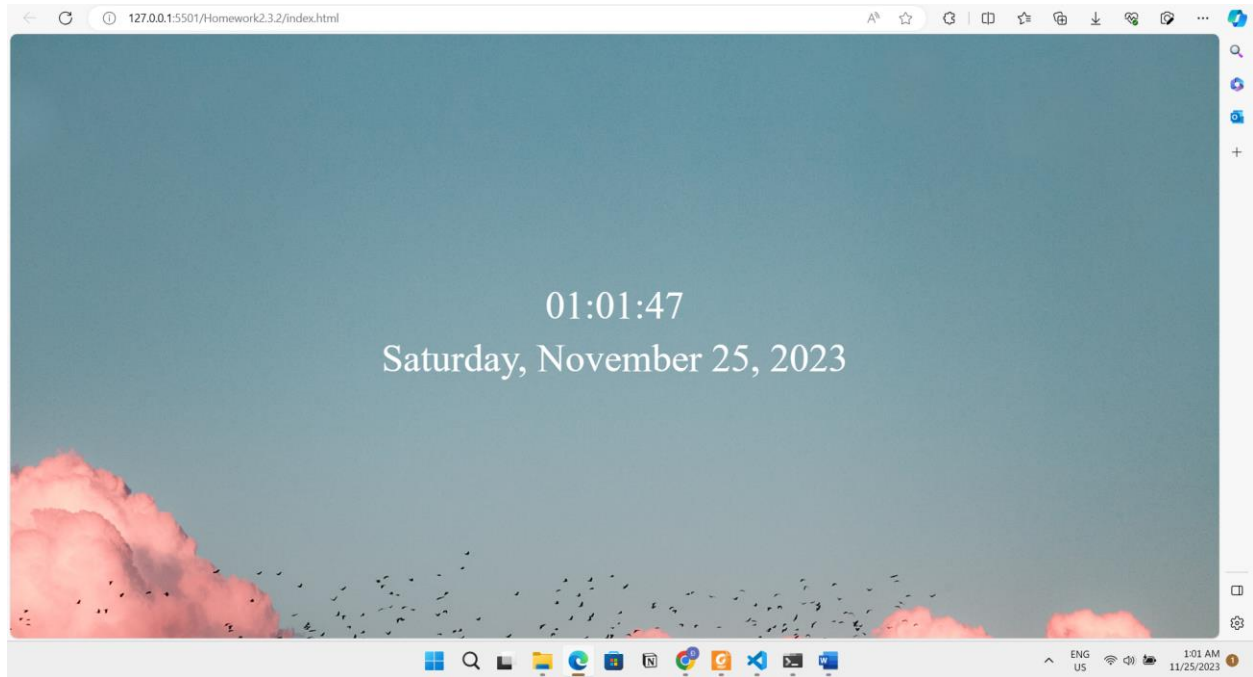
20521175ThanhDat

Password:

...

Login

Homework 2.3.2



Homework 2.3.3

