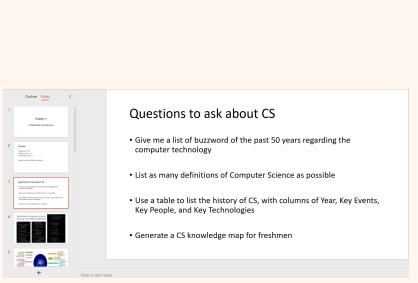


Jade's personal log

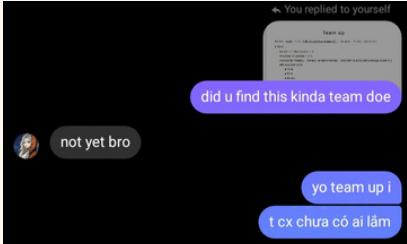
Date: 13-28
September 2024

ID Number: 1820242155
Contact phone number: 1314-677-6900
Contact email: vngoc24102204@gmail.com

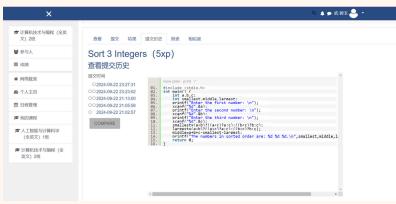
What have been done?



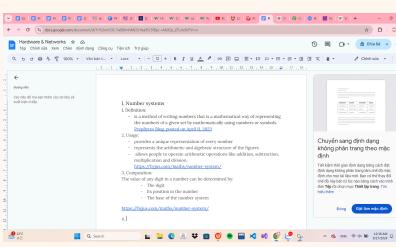
- Give me a list of buzzword of the past 50 years regarding the computer technology
- List as many definitions of Computer Science as possible
- Use a table to list the history of CS, with columns of Year, Key Events, Key People, and Key Technologies
- Generate a CS knowledge map for freshmen



yo team up i
t cx chưa có ai lâm



9.13: Introduced to Computer Science and Artificial Intelligence (got a very basic knowledge about this major)

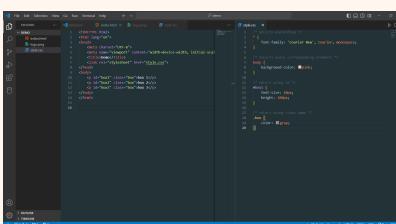


9.14: Downloaded the sample materials+ books on Lexue+ read the chap 1 of ppt+ learned how to use Chat GPT efficiently



9.15- 9.17: Learned basic knowledge of binary systems+ reviewed the requirement of personal log and all the course

9.18: Joined in a team for the project



9.19-9.21: researched the role and the module for project+ decided the team name+ got a brief overview (chap 1: Introduction) of the book Artificial Intelligent- A Mordern Approach

9.22: got a brief summary of what the 5 modules are+ decided to go for Hardware & Behavioral AI (inc. Networks) module+ finished the test O task on Lexue

9.23: temporarily got the role as a CIO of the team+ researched the requirements and the tasks of this role

9.24: after carefully consideration of the team in the class time, remained the same role+ researched Behaviorist AI (chap 6) and Hardware and Networks ppt on Lexue+ was guided to use basic HTML+ CSS to create a basic website+ contributed to the Rough Plan task with the leader+ decided the team's meeting (place and time)

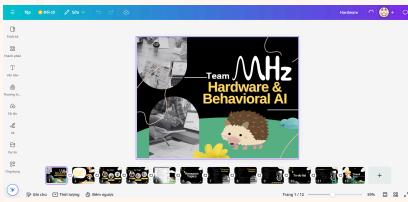
9.25: rechecked the Tough Plan task with the leader+ went on learning HTML and CSS+ discussed the logo of the team



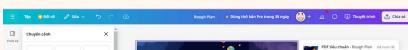
9.26: got a deeper knowledge of Machine Learning (supervised category: regression and classification part) in elective course held by BIT+ rechecked all the deadlines of the tasks on Lexue



9.27: researched the number systems,+ read and got experiences from the old teams with the previous research on Lexue+ held the team's meeting+ sketched the final version of the team's logo+ designed and reviewed to-do list



9.28: designed and reviewed Project Log & Rough Plan+ rechecked the Personal Logs of all the members+ compressed all the things in one file+ ready to submit on Lexue



Problems

- too many sub-field and materials to learn
- sometimes it's very hard to understand
 - it takes so much time and impatience
- im freakingly tired (rip) because of 2-day nearly no sleep at all



Lessons learned

- Learn things one by one
- Manage and balance time in studying
- Absorb in the teacher's and friends' feedback
- Choose a good team
- Distribute the tasks for the team fairly
- Put up with pressure
- Sleep whenever I have time

Personal log

Date:

Works:

Lessons learned:

| | | |
|-------------------------------|---|---|
| 2024-09-13 | <ul style="list-style-type: none"> Revise Python and C to deal with tasks. Reading carefully Computing Machinery and Intelligence. From the modules and lexue website teacher gave to me, I discovered them thoroughly. | <ul style="list-style-type: none"> Getting an overview of AI and Computer Science |
| From 2024-09-14 to 2024-09-17 | <ul style="list-style-type: none"> I decided to have a look through the work of previous student (IM Hexa and 没事). Learning Calculus and Linear Algebra. Playing with my friends, hanging around Beijing with them. Find member for the projects. Having a look on Von Neumann books(The Computer and The Brain). | <ul style="list-style-type: none"> Getting to make a to do list for work & life balance |
| 2024-09-19 | <ul style="list-style-type: none"> Learning elective course: AI and Simulation | <ul style="list-style-type: none"> Understand the uses of AI and how AI works in the modern day. |
| From 2024-09-20 to 2024-09-21 | <ul style="list-style-type: none"> Our team had finished teaming-up task, researched the roles and the modules. Reading Turing and Von Neuman's books. | <ul style="list-style-type: none"> Getting involved in the projects and AI. |
| 2024-09-22 | <ul style="list-style-type: none"> Discussing and deciding the module of the group is: Hardware& Behavioral AI(inc.Networks). Learning python and html. | <ul style="list-style-type: none"> Absorbing the very basic knowledge of Programming. |

| | | |
|------------|--|---|
| | | |
| 2024-09-24 | <ul style="list-style-type: none"> Decided the roles for all the team members. Taking a research about Hardware+Networks on Lexue. Finished the assignments on Computer Technology and Programming. Having a quick look of C in w3school website. | <ul style="list-style-type: none"> Getting an overview of C language Having a clear goal. |
| 2024-09-26 | <ul style="list-style-type: none"> Having elective course about AI and Simulation: learning about supervised learning, the definition of regression and classification. Learning code in the minglian website provided by teacher about creating a graph containing regression and classification. | <ul style="list-style-type: none"> Getting to know how the program works and run. |
| 2024-09-27 | <ul style="list-style-type: none"> With my teammates to discuss about our topic and deeply research on the the topic as well. Learning some Indonesian as well. | <ul style="list-style-type: none"> Understanding my teammates |

MANGO'S

(杜明日 - 1820242153)

PERSONAL LOG

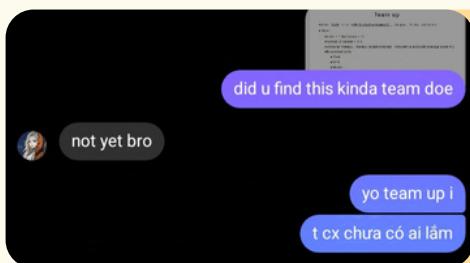
This is a recording of (most of) my activities from 13/09/2024 to 28/09/2024, also known as one of the busiest time frames in my life oh my god

(Being productive made this personal log VERY time consuming. I regret everything. I should have slept. I really should have slept. zzzz)

16/09 - 20/09

THE BEGINNING OF MHz

It was a nice, chill, relaxing holiday, when I suddenly remembered that we had to team up to do a group project or something. That being said, since I know quite a lot of people in BIT, this task was relatively simple.



16/09 - 20:20

First invited Jade to the team (to ensure the ≥ 1 girl requirement) (all the other girls I know are all from econ ;v). It was actually a nice decision, Jade is carrying the team's work force right now.

18/09 - 15:00

Jade also brought Tony with her into the team



You invited Jade, 阮孟强 TONY, Darren 张志鸿, solar eclipse guy to the group chat

Nice



18/09 - 14:18

Darrel went to my room to hang out, and also asked to join (Darrel is solar eclipse guy, I added Darren by mistake lmao)

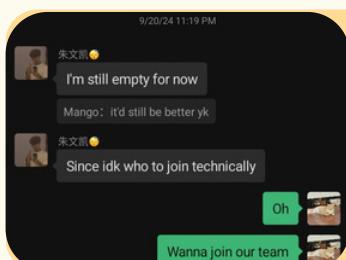
18/09 - 16:54

Faiza also asked to join our team.

(Note that I said we need 1 more person in the screenshot. Well, we actually needed 2 because I didn't realize Darren already got a team.)



9/20/24 11:19 PM



18/09 - 23:19

Lastly, Ryan was recruited from a friend group of mine

21/9-23/9

WHAT IN THE WORLD IS C LANGUAGE

I hate it, I really do. I hate it. I hate it so much. I HATE IT.

That being said, here's the section where I present to you why C is a dumb language, and why I hate it. I hate it I hate it.



First of all, I code js

(Had like 10 failed submissions because of this thing)

21/9 22:00 - 22/9 17:00

Second exercise - who thought it's a good idea to add \n to strings that you get from fgets()

```
int main()
{
    char name[50];
    fgets(name,sizeof(name),stdin);
    name[strcspn(name, "\n")] = '\0';
    printf("Hi, there,%s!\n",name);

    return 0;
}
```

```
int num1.num2.
scanf("%d.%d"
sum = num1 + r
```

23/9 - 14:34

Third exercise - this just feels illegal

23/9 - 15:20

Forth and fifth exercise - actually not that bad, except for whatever %.2f is

Tax and Tip (5xp)

查看提交历史

提交时间

- 2024-09-23 15:21:27
- 2024-09-23 15:20:24
- 2024-09-23 15:19:40
- 2024-09-23 15:19:12
- 2024-09-23 15:19:03
- 2024-09-23 15:18:32

COMPARE

```
#include <stdio.h>
int main() {
    int cost;
    float tax,tip,total;
    printf("Enter the cost of the meal: \n");
    scanf("%d",&cost);
    tax = cost * 0.05;
    tip = cost * 0.18;
    total = tax + tip + cost;
    printf("The tax is %.2f and the tip is %.2f, making the total %.2f.\n",tax,tip,total);
    return 0;
}
```

查看 提交 球果 提交历史 表格 相似度

Sort 3 Integers (5xp)

查看提交历史

提交时间

- 2024-09-23 16:32:04
- 2024-09-23 16:30:49
- 2024-09-23 16:27:47
- 2024-09-23 16:19:47
- * 2024-09-23 16:19:47
- 2024-09-23 16:15:56
- 2024-09-23 16:15:26
- 2024-09-23 16:15:27
- 2024-09-23 16:10:27
- 2024-09-23 16:10:27
- 2024-09-23 16:10:27
- 2024-09-23 16:10:27
- 2024-09-23 16:09:24
- 2024-09-23 16:07:25
- 2024-09-23 16:06:44

COMPARE

23/9 - 16:30

Sixth exercise - was actually fun because there's no dumb syntax stuffs I have to deal with C is still a dumb language though that's still a fact

24-28/09/2024

MHZ SHENANIGANS [VERY PAINFUL]

I myself am very interested in the web area, that combined with the fact that I'm the CEO of my team, oh hell no, I have so much work to do it's crazy.

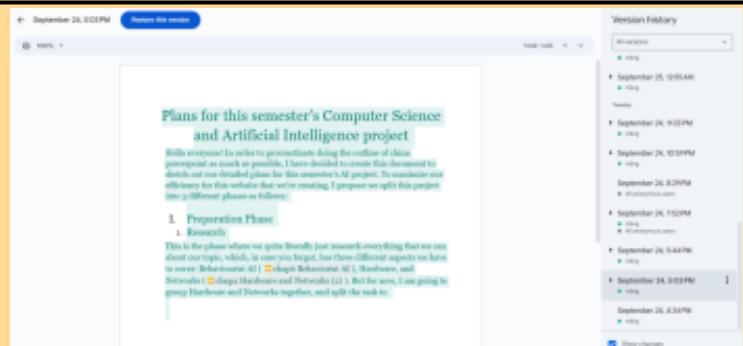
24/09/2024

11:00

My time has come. We can make a WEBSITE for the project!!!
My 9 months of HTML CSS JS has paid me well. Yay.
Tony also gave me CEO.
We also removed every role except CIO and CEO.
Everyone's going to help each other. Therefore, I also taught my teammates some of the HTML CSS just for their preparation.

17:00

Started the rough plan



21:00

Started researching about cool web stuffs

What is Rive?

Rive is a web-based tool for making real-time interactive animations and designs, similar to a game engine. It seemed to solve so many of our problems: The file sizes were compact and plugged in neatly with Duolingo's app architecture, and the handoff from animator to engineer was seamless.

After stalking duolingo's technology blogs (because duolingo have cool animations (they also have a lot of blogs)), I found out exactly what we were looking for - Rive

25/09/2024

~14:30

Decided to push back the outline of china deadline to serve as a CEO to our team. (very emotional)
Meanwhile, I asked everyone for their strengths and weaknesses to add to the rough plan. And voila, our rough plan is complete! :D

The screenshot shows a Google Sheets document with a table titled "Rough Plan". The table has columns for Name, Strengths, Weaknesses, and Role. The rows list team members: Mengo (CEO), Jude (CIO), Tony, Ryan, Darrel, and Faiza. The "Version history" sidebar on the right shows the following activity:

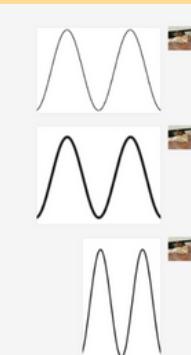
- September 26, 6:08PM: Mengo edited the document.
- September 26, 6:09PM: Mengo added a new row for Jude.
- September 26, 3:03PM: Mengo added a new row for Tony.
- September 26, 10:41AM: Mengo added a new row for Ryan.
- September 26, 2:30PM: Mengo added a new row for Darrel.
- September 26, 12:13PM: Mengo added a new row for Faiza.
- September 25, 10:04AM: Mengo added a new row for Mengo.
- September 25, 8:03AM: Mengo added a new row for Jude.

16:00

Me and Darrel gathered together to create a concept art of our group logo, which looks like this:



Funny thing is that canva's sine wave doesn't allow you to stretch or squeeze them, that's why I have to make some sine waves on desmos and send him the png for him to upload to his canva



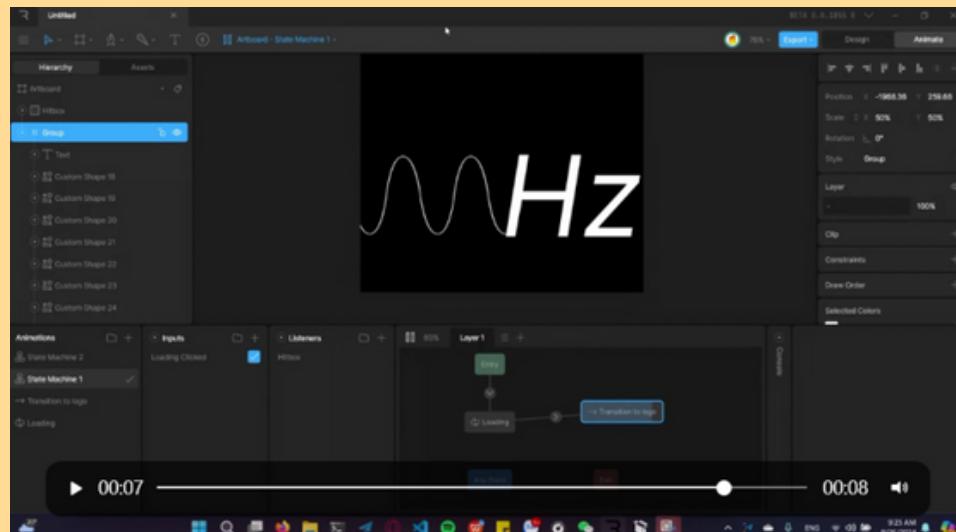
21:00

Tried to make some cool animations with our logo using rive.
Lesson learned: rive is really easy to make, easy to animate, easy to put into a <canvas> element. I'm going to use this for sure

26/09/2024

9:00

The animation was Done. It actually looks pretty nice



19:00
-
23:00

Went up to Jade's room to have dinner with the Vietnamese gang (which includes Jade and Tony). In the meantime also discussed some stuffs about work distribution with them

23:20

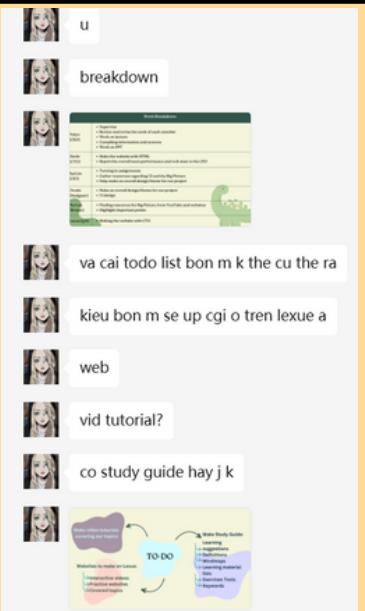
Felt like working that day, and decided to have a team meeting at midnight.



27/09/2024

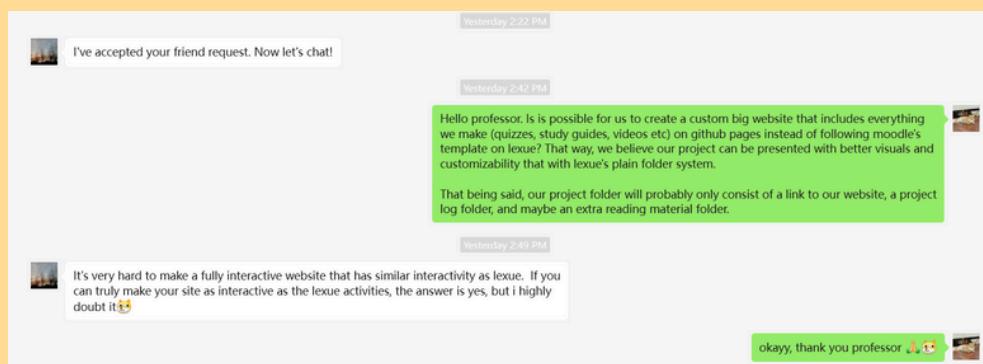
14:00

Jade starts to question me about our website content and all that, which made me do another investigative journalism on the senior's projects. It turned out that the thing they used to build their interactive content is a template by Moodle. This is going to be covered in the meeting as well



14:40

Questioned the professor about it



15:00
-
18:00

Our second meeting



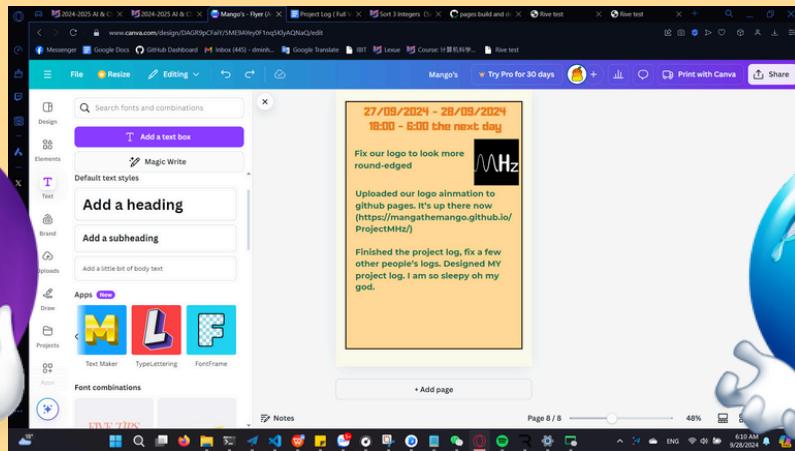
27/09/2024 - 28/09/2024
18:00 - 6:00 the next day

Fix our logo to look more round-edged



Uploaded our logo animation to github pages. It's up there now (<https://mangathemango.github.io/ProjectMHz/>)

Finished the project log, fix a few other people's logs. Designed MY project log I am so sleepy oh my god.





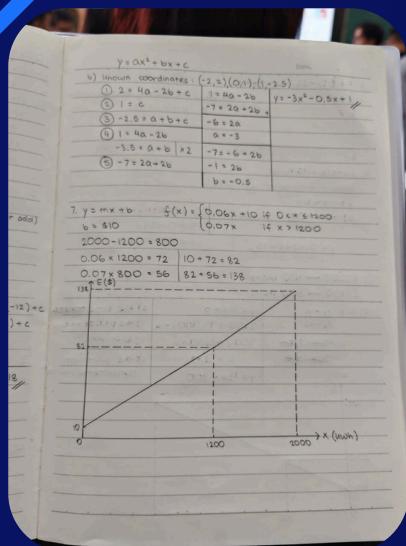
THAT's ABOUT IT

I can now sleep in peace

RYAN'S PTSD LOG



FRIDAY, 13/09/2024, 10:00AM



MOSTLY LEARNING
ABOUT CALCULUS
BECAUSE OF IT'S
FIRST QUIZ

CONTINUED LEARNING ABOUT C++ FROM
YOUTUBE, AND DO THE PRACTICE THAT
THE LAO SHI GAVE (BASICLY CODING)

FRIDAY, 20/09/2024, 8:10PM - 11:00PM

RYAN (朱文凯) JOINED AS THE LAST
MEMBER OF THE TEAM OF MHz

SUNDAY, 22/09/2024,

3:00PM- MONDAY,

23/09/2024, 03:45PM

CODED TILL MIDNIGHT (STILL
AREN'T USED TO C LANGUAGE,
WASTED A FEW HOURS CAUSE OF A
FEW TINY TYPOS AND MISTAKE)

AFTER A WHILE OF CONSIDERATION, THE TEAM AGREED TO GO
FOR THE "HARDWARE AND BEHAVIORAL AI" MODULE. (BECAUSE
"ROBOTICS IS COOL")

Area of a Room (5xp)

[View submit history](#)

Submit Time

2024-09-23 01:10:45
 2024-09-23 00:06:04

[COMPARE](#)

```
view plain print ?  
01. #include <stdio.h>  
02. int main () {  
03.     float num1;  
04.     float num2;  
05.     printf("Enter the length:\n");  
06.     scanf("%f", &num1);  
07.     printf("Enter the width:\n");  
08.     scanf("%f", &num2);  
09.     printf("The area of the rectangle is %f\n", num1 * num2);  
10.    return 0;  
11. }
```

[View](#) [Submit](#) [Result](#) [Submit History](#) [Reports](#) [Resemble](#)

Tax and Tip (5xp)

[View submit history](#)

Submit Time

2024-09-23 01:22:45

[COMPARE](#)

```
view plain print ?  
01. #include <stdio.h>  
02. int main () {  
03.     float cost;  
04.     printf("Enter the cost of the meal: \n");  
05.     scanf("%f", &cost);  
06.     float tax = cost * 0.07;  
07.     float tip = cost * 0.15;  
08.     printf("The tax is %.2f and the tip is %.2f, making the total bill %.2f\n", tax, tip, cost + tax + tip);  
09.    return 0;  
10. }
```

[View](#) [Submit](#) [Result](#) [Submit History](#) [Reports](#) [Resemble](#)

TUESDAY, 24/09/2024, ~11:00AM -

SATURDAY, 28/09/2024, ~11:59AM

AFTER AI CLASS, OUR GROUP HAS MADE DECISIONS AS FOLLOWS:

- CEO HAS BEEN SHIFTED FROM TONY TO MANGO, JADE REMAINS THE CIO, AND EVERY OTHER ROLES WERE REMOVED. WE WILL APPROACH THIS PROJECT BY SHARING ALL OUR WORKLOAD WITH EVERYONE, EVEN THE CEO AND CIO - NO ONE WILL BE DEDICATED TO JUST ONE TASK.
- SINCE THE CTO ROLE HAS BEEN SHIFTED, I CAN CONTINUE LEARNING ABOUT HTML AND C LANGUAGE
- MANGO TEACHED A LITTLE PART ABOUT HTML, I KINDA GET IT AND IT'S VERY EASY TO UNDERSTAND AND REMEMBER

CONTINUED MY RESEARCH ON BEHAVIORAL AI AND MADE A WORD ABOUT IT TO EXPLAIN.



EXPLAIN IT TO MY TEAM ABOUT BEHAVIORAL AI AND THEY LIKED IT (:HAPPY:).



CONTINUED THE RESEARCH AND BUILDING UP MY KNOWLEDGE ABOUT BEHAVIORAL AI SO THAT I CAN PRESENT TO THE PEOPLE WHO NEEDS IT THE MOST.

Sep. 13, 2024 - Sep. 28, 2024

Darrel's Personal Log

傅奕万 - 1820242115

Wednesday,
18/09/2024

(15:00 - 16:00)

- Started discussing about teams with Mango (杜明日)

(16:20)

- Got invited and joined the group. The group's temporary name was "Mind Hack Zombies", as proposed by Faiza (法伊拉)

Saturday,
21/09/2024

(15:00 - 16:00)

- Suggested a group name change to "Megahertz", by taking the initial letters of "Mind Hack Zombies" (MHZ).
- The group's name was finalized as "Megahertz" with everyone in the group agreeing.

9/18/24 16:19

Mango invited you and Jade, Darren 张志鸿, 阮孟强
TONY to the group chat

9/21/24 15:46

i don't mind the name

mhz

mega hertz lmao



Faiza Jui

That's also cool



Darrel Ivander: mega hertz lmao



Faiza Jui

See I don't have problem with any name this or that all is okay for me..
you guys decide which one you will go for!



Mango 明日

What if we just go MHz lol

sounds good

9/21/24 15:55

Saturday, 21/09/2024

(20:00 - 21:30)

- Tried doing the A + B (version 2) programming task, because I had not finished it. I succeeded in making a runnable program in onlinegdb.com using C++, but it did not pass the security check when I submitted it.

| No. | Weight | Time limitation | Memory limitation | Test Input | Expected Output | Test Output | Error message | Time used(seconds) | Memory used | Exit value | Passed | Judge Result |
|-----|--------|-----------------|-------------------|--|---|---|-----------------------------|--------------------|-------------|-----------------------------|--------|-----------------|
| 1 | 1 | 1 seconds | 256M | View plain Download 1. <code>18w</code> 2. <code>28w</code> | View plain Download 1. <code>38w</code> | View plain Download 1. <code>38w</code> | N/A | 0.002 | 0 | Secure test | Yes | AC-Accepted |
| 2 | 1 | 1 seconds | 256M | View plain Download 1. <code>18w</code> 2. <code>28w</code> | View plain Download 1. <code>580w</code> | View plain Download 1. <code>580w</code> | N/A | 0.002 | 0 | Secure test | Yes | AC-Accepted |
| 3 | 1 | 1 seconds | 256M | View plain Download 1. <code>10.5w</code> 2. <code>18w</code> | View plain Download 1. <code>Wrong Input.</code> | View plain Download 1. <code>Wrong Input.</code> | N/A | 0.001 | 0 | Secure test | Yes | AC-Accepted |
| 4 | 1 | 1 seconds | 256M | View plain Download 1. <code>100w</code> 2. <code>-100w</code> | View plain Download 1. <code>0w</code> | View plain Download 1. <code>0w</code> | N/A | 0.002 | 0 | Secure test | Yes | AC-Accepted |
| 5 | 1 | 1 seconds | 256M | Secure test | Secure test | Secure test | Secure test | 0.002 | 0 | Secure test | No | WA-Wrong Answer |

Sunday, 22/09/2024

(17:00 - ~21:00)

- Continued programming with Mango (杜明日) (this time in C), with the new stage 1 tasks given by the professor. I kinda struggled on doing the “Hi, there” task, because my code only outputs the first word of a string, and does not register spaces as part of the input. I tried over and over again, but only to end up at the hands of ChatGPT out of desperation.
- ChatGPT recommended that I use the “fgets” function, which I have never used previously. The rest of the tasks were pretty simple to solve, as I have had experience in C++ before. I believe that I need to learn more about the C language in order to use it in a more efficient way. I must admit, I have not read any of the .pdf books thus far, so I should get to doing that in my spare time.

Hi, there! (5xp)

View submit history

Submit Time

- 2024-09-22 17:12:42
- 2024-09-22 14:07:56

COMPARE

```
view plain print ?  
01. #include <stdio.h>  
02. #include <string.h>  
03. int main(){  
04.     char name[100];  
05.     fgets(name, sizeof(name), stdin);  
06.     name[strcspn(name, "\n")]= '\0';  
07.     printf("Hi.there,%s!\n", name);  
08. }  
09.
```

Monday, 23/09/2024

(17:00)

- Received a temporary role “Designer” in the team.

Tuesday, 24/09/2024

(~11:00)

- My temporary role has been stripped, everyone is supposed to work on the project equally.

Wednesday, 25/09/2024

(16:00 - 18:30)

- Came to Mango (杜明日)’s dorm to discuss the team logo and started learning about Rive together.
- Created the concept art of the logo in Canva, with a portion of a sine wave representing the M.

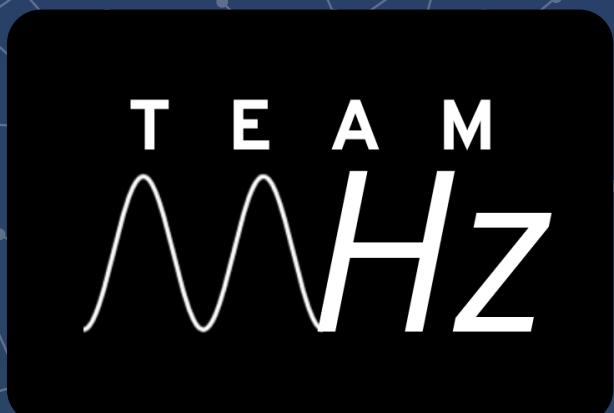
Jade: CIO

Darrel: Designer

Ryan: CTO

Mango: Writer

Faiza: QA



Thursday, 26/09/2024

(23:00 - 01:00)

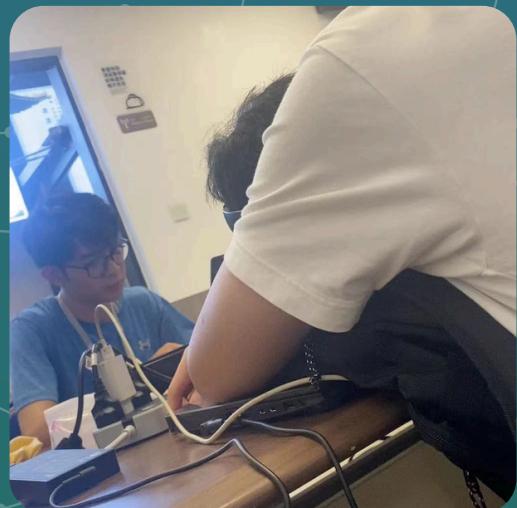
- Held a late night group meeting in my dorm room, we discussed our priorities that we should get done before focusing on other tasks of the team.



Friday, 27/09/2024

(16:00 - 18:00)

- Went to the 24-hour zone close to my dorm with the team, discussed plans of either creating the website or simply using Lexue just like every other team, as creating a website from the ground up would give us more flexibility in terms of the look and feel of the interface. At the end, we decided that we should test the waters of each option instead of immediately committing to one or the other.
- Finished this personal log that you (the reader) are reading right now.



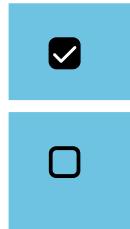
My Personal Log

Faiza Jui

1820242085

September 13 to Sep 29,2024

TODAY'S PRIORITIES



Finish draft

Get approvals

THINGS TO DO

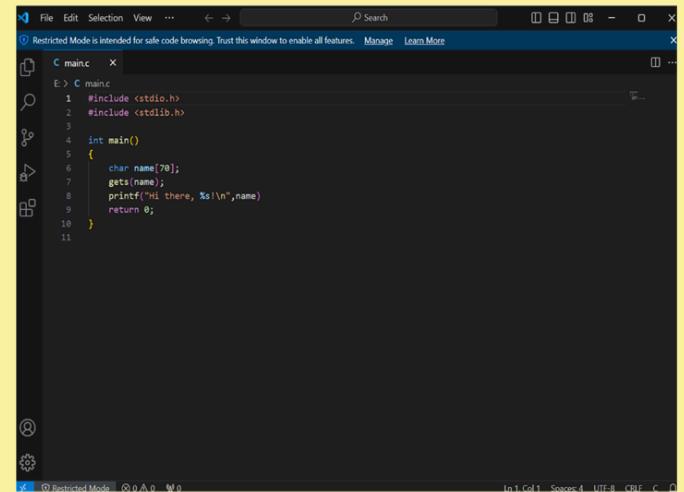
- Watch videos for coding
- Practice c language more and more
- Weekend, need to research for group project

EXERCISE LOG

| Date | Activity |
|---------------------------|---|
| 15 September 2024, | <p>I focused on deepening my understanding of AI and computer programming. I am still a beginner in both fields and I am currently watching videos suggested by our teacher, as well as other basic coding videos to develop my knowledge.</p> <p>I am a member of Team MHZ, where I will be working as a meeting log writer, hardware and networking researcher, and UI/UX designer.</p> |
| 18 September 2024, | <p>We made team and we discuss about our team name and I suggested Mind Hack Zombies(MHZ) but later its finalize as MegaHertz(MHZ) .</p> |
| 24 September 2024, | <p>I completed some of the coding tasks assigned by our teacher and gained coding experience. To improve further, I plan to watch videos on YouTube. For AI and computer programming, I am also following Lexue learning materials, including books and ppt.</p> |

<https://www.youtube.com/watch?v=87SH2CnOs9A&t=60s>

I am learning the basics, such as the functions of scanf, printf, char, gets, and more from this channel. I am also practicing in Visual Studio Code (VSCode) to become more familiar with coding beyond just homework.



A screenshot of the Visual Studio Code interface. The title bar says "File Edit Selection View ... Search". A status bar at the bottom shows "In 0.0.1 - Standard - UTF-8 - CBF - C". The main area displays a C program:

```
C main.c
E > C main.c
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 int main()
5 {
6     char name[70];
7     gets(name);
8     printf("Hi there, %s!\n",name)
9     return 0;
10 }
11
```

27 September 2024,

3:30-6:00 PM 27 September 2024,

We had a team meeting and finalized our ideas and I completed our project meeting logs.