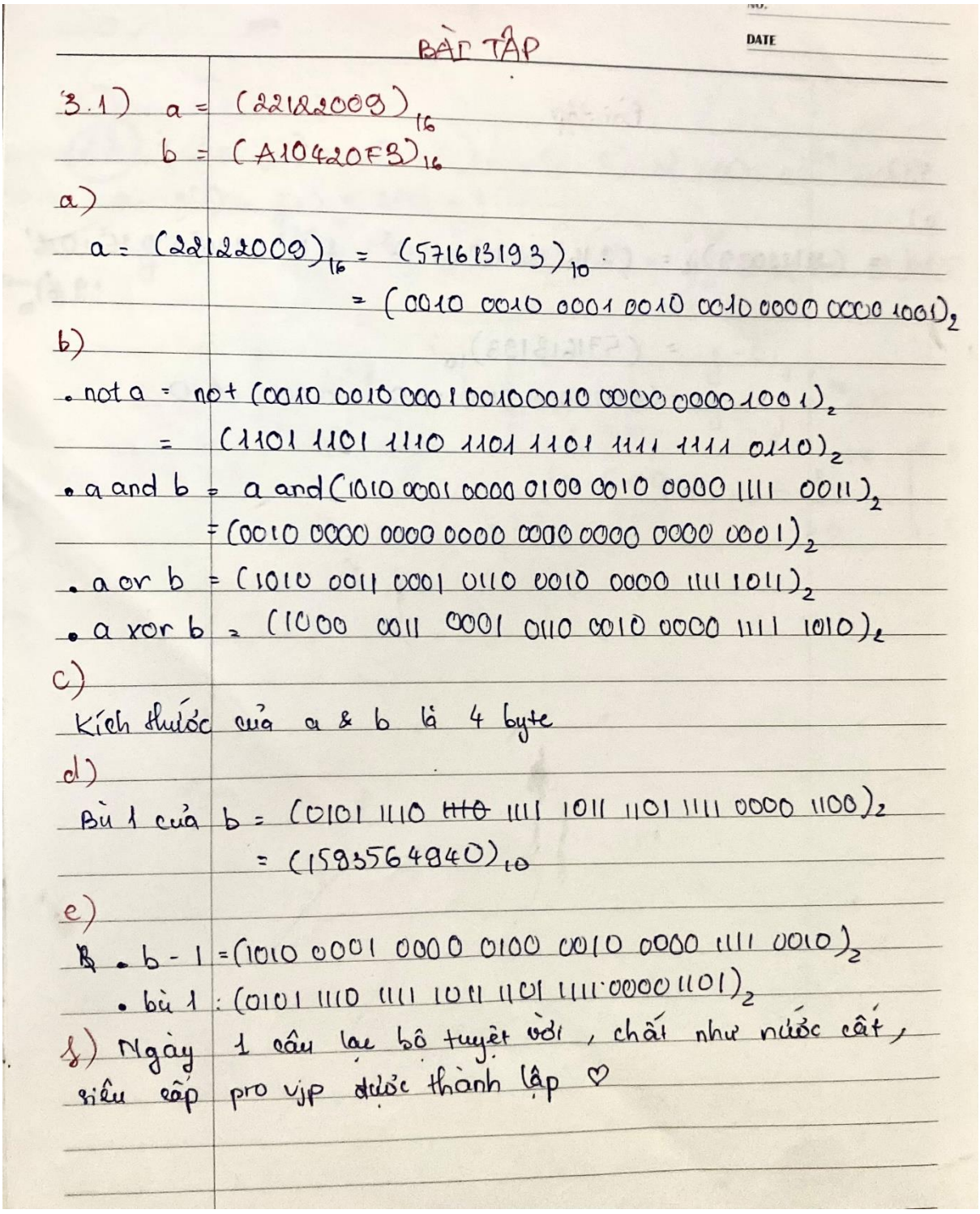
1. **Hệ thống số**



BÀI TẬP

3.1) $a = (22122008)_{16}$

$b = (A10420F3)_{16}$

a)

$a = (22122008)_{16} = (571613193)_{10}$

$= (0010\ 0010\ 0001\ 0010\ 0010\ 0000\ 0000\ 1001)_2$

b)

- not a = not $(0010\ 0010\ 0001\ 0010\ 0010\ 0000\ 0000\ 1001)_2$

$= (1101\ 1101\ 1110\ 1101\ 1101\ 1111\ 1111\ 0110)_2$

- a and b = a and $(1010\ 0001\ 0000\ 0100\ 0010\ 0000\ 1111\ 0011)_2$

$= (0010\ 0000\ 0000\ 0000\ 0000\ 0000\ 0000\ 0001)_2$

- a or b = $(1010\ 0011\ 0001\ 0110\ 0010\ 0000\ 1111\ 1011)_2$
- a xor b = $(1000\ 0011\ 0001\ 0110\ 0010\ 0000\ 1111\ 1010)_2$

c)

Kích thước của a & b là 4 byte

d)

Bù 1 của b = $(0101\ 1110\ 1110\ 1111\ 1011\ 1101\ 1111\ 0000\ 1100)_2$

$= (1585564940)_{10}$

e)

- b - 1 = $(1010\ 0001\ 0000\ 0100\ 0010\ 0000\ 1111\ 0010)_2$
- bù 1 : $(0101\ 1110\ 1111\ 1011\ 1101\ 1111\ 0000\ 1101)_2$

f) Ngày 1 câu lạc bộ tuyệt vời, chất như nước cất, siêu cấp pro vjp được thành lập ♡

2. **Embedded C**
   - **Bài 1:**

```
PS C:\Users\MY LAPTOP\Desktop\PIF\AfterC> g++ B1.cpp -o B1
PS C:\Users\MY LAPTOP\Desktop\PIF\AfterC> .\B1.exe
Nhap so phan tu n: -3
Nhap so phan tu n: 34
Nhap so phan tu n: 4
Khoi tao mang int arr[4]
Nhap gia tri tung phan tu:
arr[0] = 1
arr[1] = 2
arr[2] = 3
arr[3] = 4
arr[] = { 1 2 3 4 }
Dia chi cua tung phan tu la:
&arr[0] = 0061FED0
&arr[1] = 0061FED4
&arr[2] = 0061FED8
&arr[3] = 0061FEDC
```

- **Bài 2:**

```
PS C:\Users\MY LAPTOP\Desktop\PIF\AfterC> .\B2.exe
Nhap so phan tu n: 4

Dung luong cua tung phan tu voi kieu uint8_t: 1 byte
Dung luong cua tung phan tu voi kieu uint16_t: 2 byte
Dung luong cua tung phan tu voi kieu uint32_t: 4 byte
Dung luong cua tung phan tu voi kieu uint64_t: 8 byte
PS C:\Users\MY LAPTOP\Desktop\PIF\AfterC>
```

- **Bài 3:**

```
PS C:\Users\MY LAPTOP\Desktop\PIF\AfterC> g++ B3.cpp -o B3

PS C:\Users\MY LAPTOP\Desktop\PIF\AfterC> .\B3.exe
Nhap so phan tu n: 4
Nhap so phan tu n: 7
Nhap gia tri cho tung phan tu:
arr[0]: 1
arr[1]: 2
arr[2]: 3
arr[3]: 4
arr[4]: 5
arr[5]: 6
arr[6]: 7
Phan tu lon nhat trong mang: 7
Phan tu nho nhat trong mang: 1
PS C:\Users\MY LAPTOP\Desktop\PIF\AfterC>
```

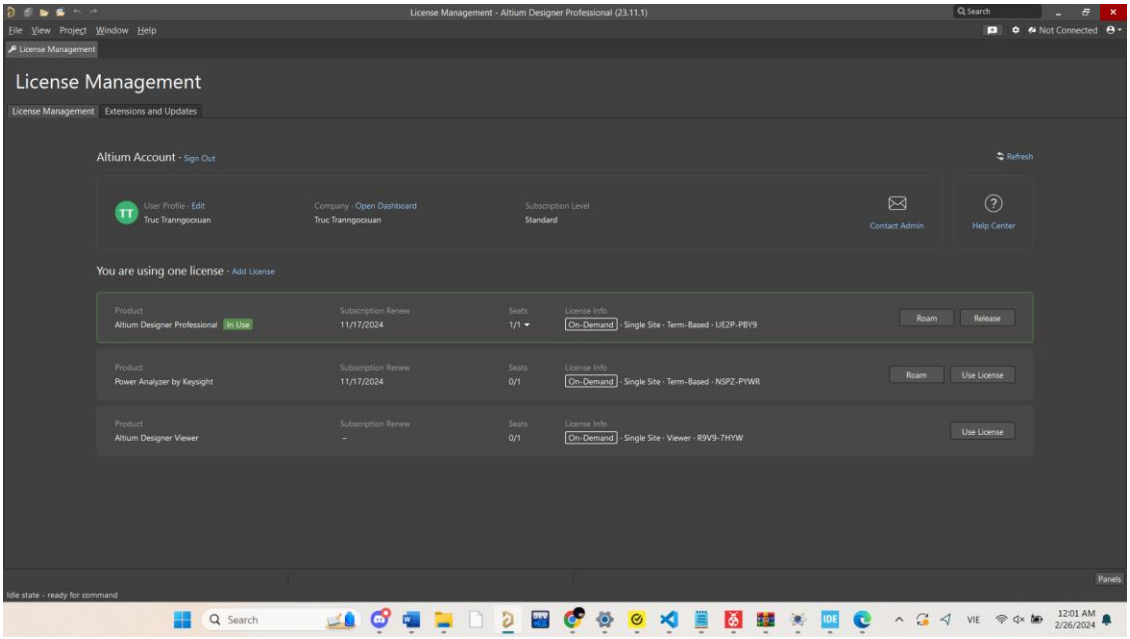
- **Bài 4:**

```
PS C:\Users\MY LAPTOP\Desktop\PIF\AfterC> g++ B4.cpp -o B4

PS C:\Users\MY LAPTOP\Desktop\PIF\AfterC> .\B4.exe
Nhap so phan tu (n > 5): 6
Nhap gia tri cho tung phan tu:
arr[0] = 1
arr[1] = 2
arr[2] = 3
arr[3] = 4
arr[4] = 5
arr[5] = 6
Gia tri trung binh cua cac phan tu: 3.500
PS C:\Users\MY LAPTOP\Desktop\PIF\AfterC>
```

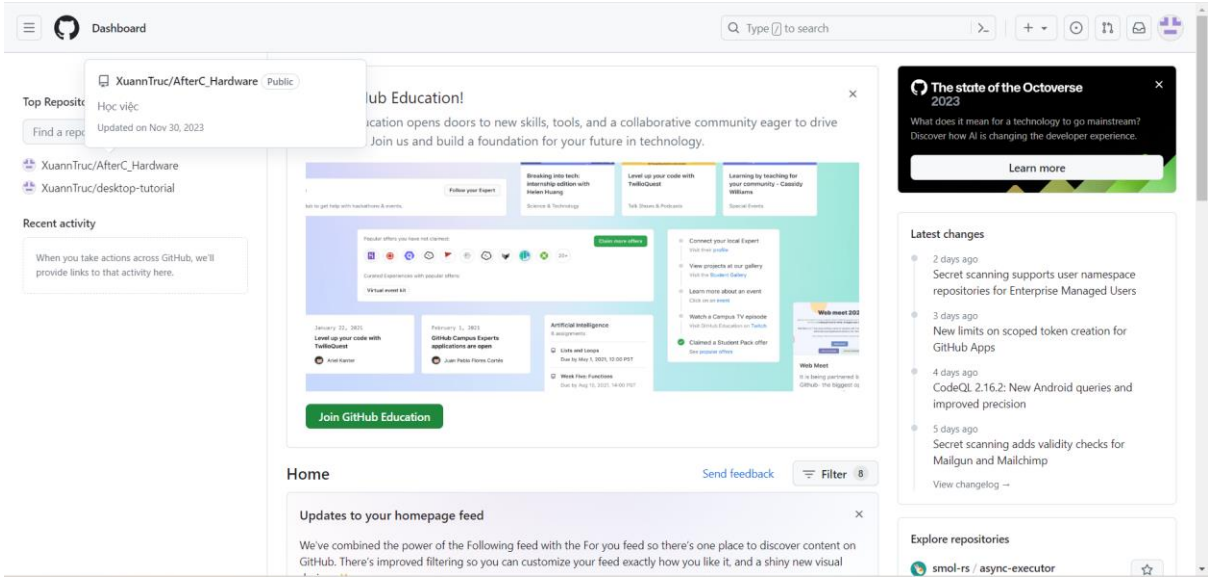
- **Bài 5:**

```
PS C:\Users\MY LAPTOP\Desktop\PIF\AfterC> g++ B5.cpp -o B5

PS C:\Users\MY LAPTOP\Desktop\PIF\AfterC> .\B5.exe
Nhap thong tin
Truc
2213728
24
Truc
2213728
24
PS C:\Users\MY LAPTOP\Desktop\PIF\AfterC>
```

3. Altium Design



4. Github


Dashboard
Type / to search
XuannTruc/AfterC_Hardware
Public
Học việc
Updated on Nov 30, 2023
Top Repositc
Find a repc
XuannTruc/AfterC_Hardware
XuannTruc/desktop-tutorial
Recent activity
When you take actions across GitHub, we'll provide links to that activity here.
ub Education!
cation opens doors to new skills, tools, and a collaborative community eager to drive
Join us and build a foundation for your future in technology.
Join GitHub Education
Home
Send feedback
Filter 8
Updates to your homepage feed
We've combined the power of the Following feed with the For you feed so there's one place to discover content on GitHub. There's improved filtering so you can customize your feed exactly how you like it, and a shiny new visual
The state of the Octoverse 2023
What does it mean for a technology to go mainstream? Discover how AI is changing the developer experience.
Learn more
Latest changes
2 days ago
Secret scanning supports user namespace repositories for Enterprise Managed Users
3 days ago
New limits on scoped token creation for GitHub Apps
4 days ago
CodeQL 2.16.2: New Android queries and improved precision
5 days ago
Secret scanning adds validity checks for Mailgun and Mailchimp
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smol-rs / async-executor