3.1

Bài tập hệ thống số : a= $(22122009)_{16}$ và b = $(A10420F3)_{16}$

a.

a=9x1 + $2x16^3$ +$2x16^4$ +$1x16^5$ + $2x16^6$ +$2x16^7$ =571613193_{10}

a=0010 0010 0001 0010 0010 0000 0000 1001_2

b.

b=1010 0001 0000 0100 0010 0000 1111 0011_2

not a= 1101 1101 1110 1101 1101 1111 1111 0110

a and b = 0010 0000 0000 0000 0010 0000 0000 0001

a or b = 1010 0011 0001 0110 0010 0000 1111 1011

a xor b= 1000 0011 0001 0110 0000 0000 1111 1010

c.

kích thước a là 16 byte

kích thước b là 16 byte

d.

bù 1 của b = 0101 1110 1111 1011 1101 1111 0000 1100

giá trị b= - 1593564940

e. bù 2 của b = 0101 1110 1111 1011 1101 1111 0000 1101

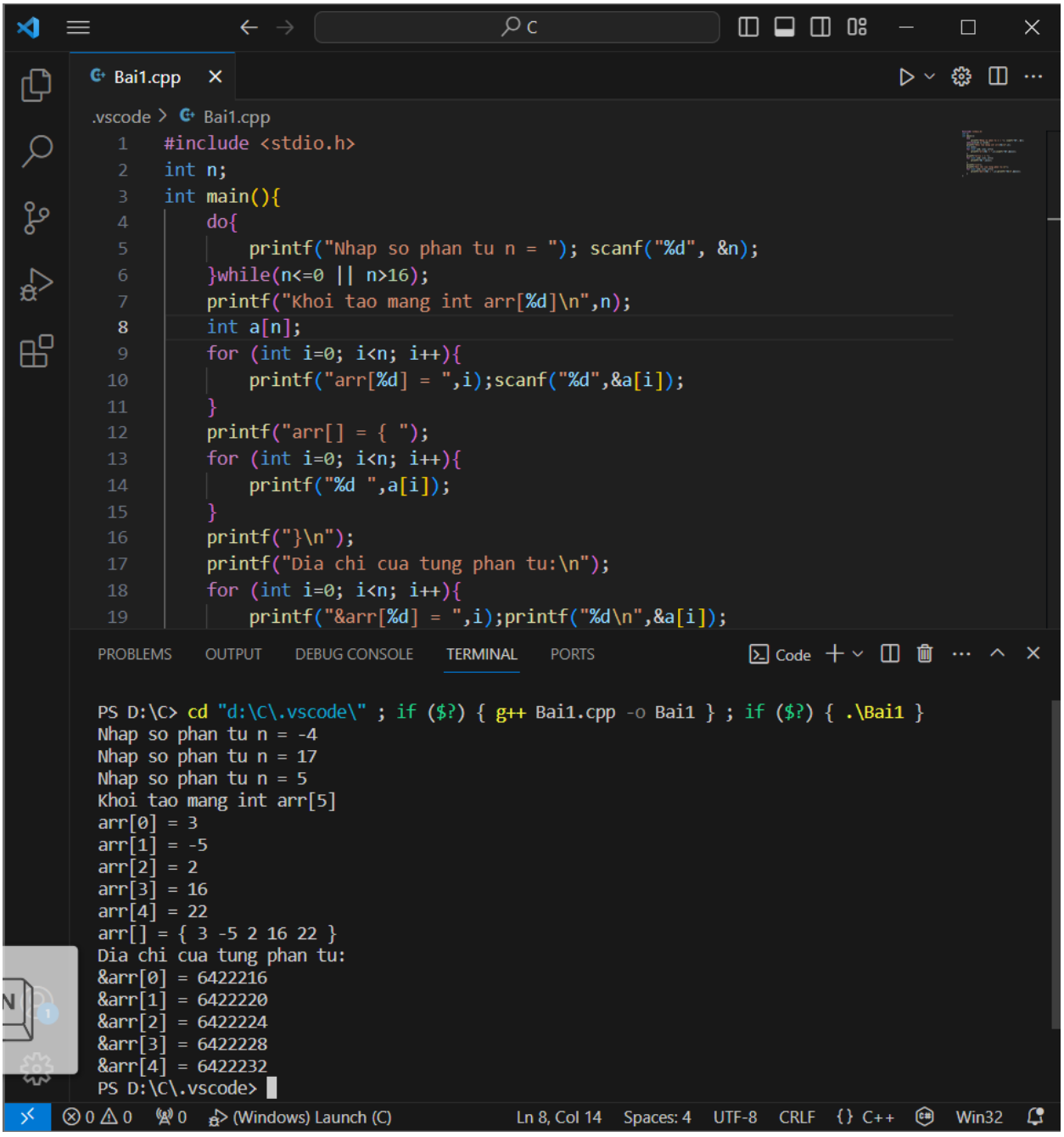
giá trị b= - 1593564941

f.

ý nghĩa là 22/12/2009

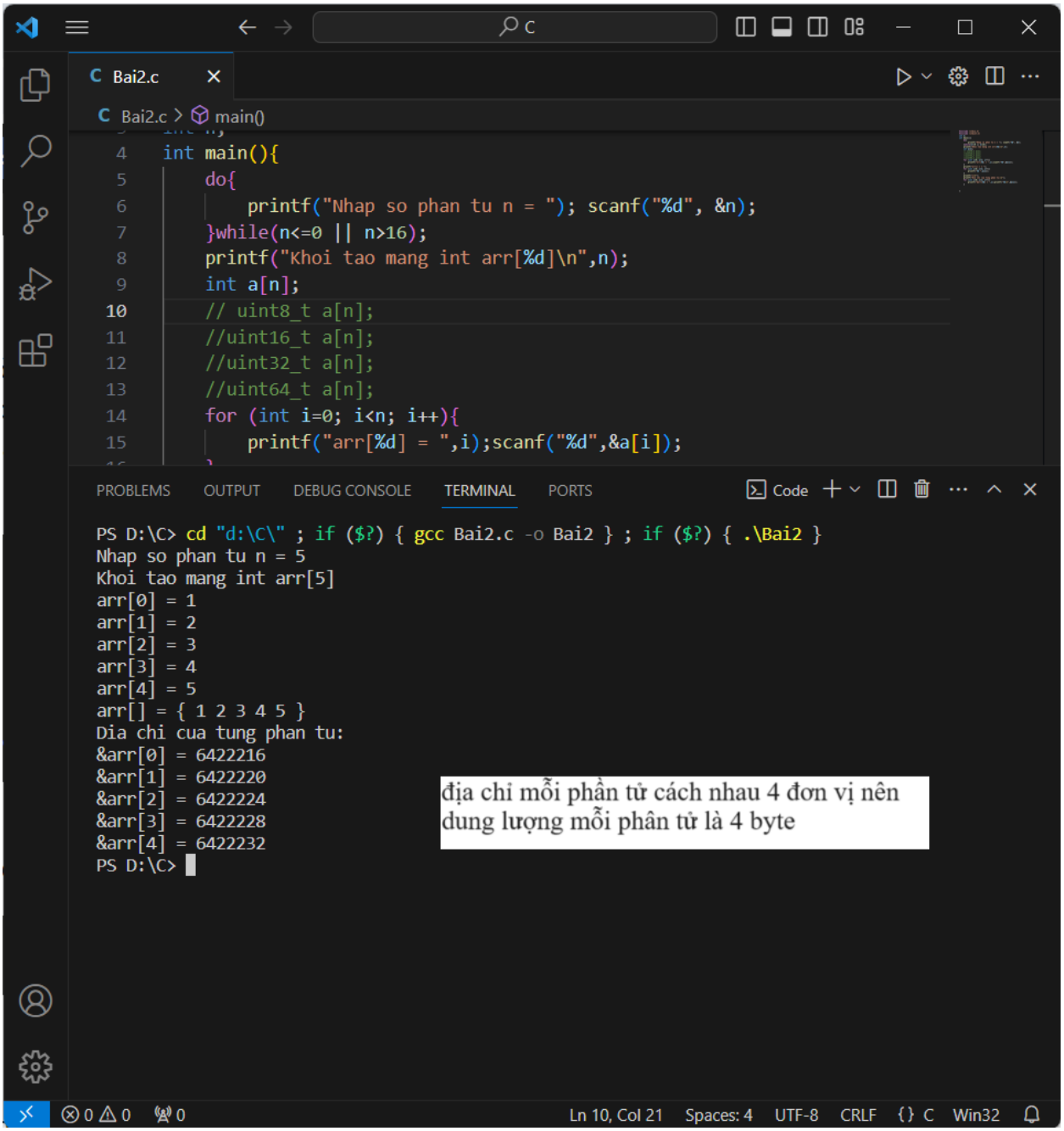
3.2

Bài 1


Bai1.cpp
.vscode > Bai1.cpp
#include <stdio.h>
int n;
int main(){
do{
printf("Nhap so phan tu n = "); scanf("%d", &n);
}while(n<=0 || n>16);
printf("Khoi tao mang int arr[%d]\n",n);
int a[n];
for (int i=0; i<n; i++){
printf("arr[%d] = ",i);scanf("%d",&a[i]);
}
printf("arr[] = { ");
for (int i=0; i<n; i++){
printf("%d ",a[i]);
}
printf("}\n");
printf("Dia chi cua tung phan tu:\n");
for (int i=0; i<n; i++){
printf("&arr[%d] = ",i);printf("%d\n",&a[i]);
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
Code
PS D:\C> cd "d:\C\.vscode\" ; if ($?) { g++ Bai1.cpp -o Bai1 } ; if ($?) { .\Bai1 }
Nhap so phan tu n = -4
Nhap so phan tu n = 17
Nhap so phan tu n = 5
Khoi tao mang int arr[5]
arr[0] = 3
arr[1] = -5
arr[2] = 2
arr[3] = 16
arr[4] = 22
arr[] = { 3 -5 2 16 22 }
Dia chi cua tung phan tu:
&arr[0] = 6422216
&arr[1] = 6422220
&arr[2] = 6422224
&arr[3] = 6422228
&arr[4] = 6422232
PS D:\C\.vscode>
(Windows) Launch (C)
Ln 8, Col 14
Spaces: 4
UTF-8
CRLF
C++
Win32

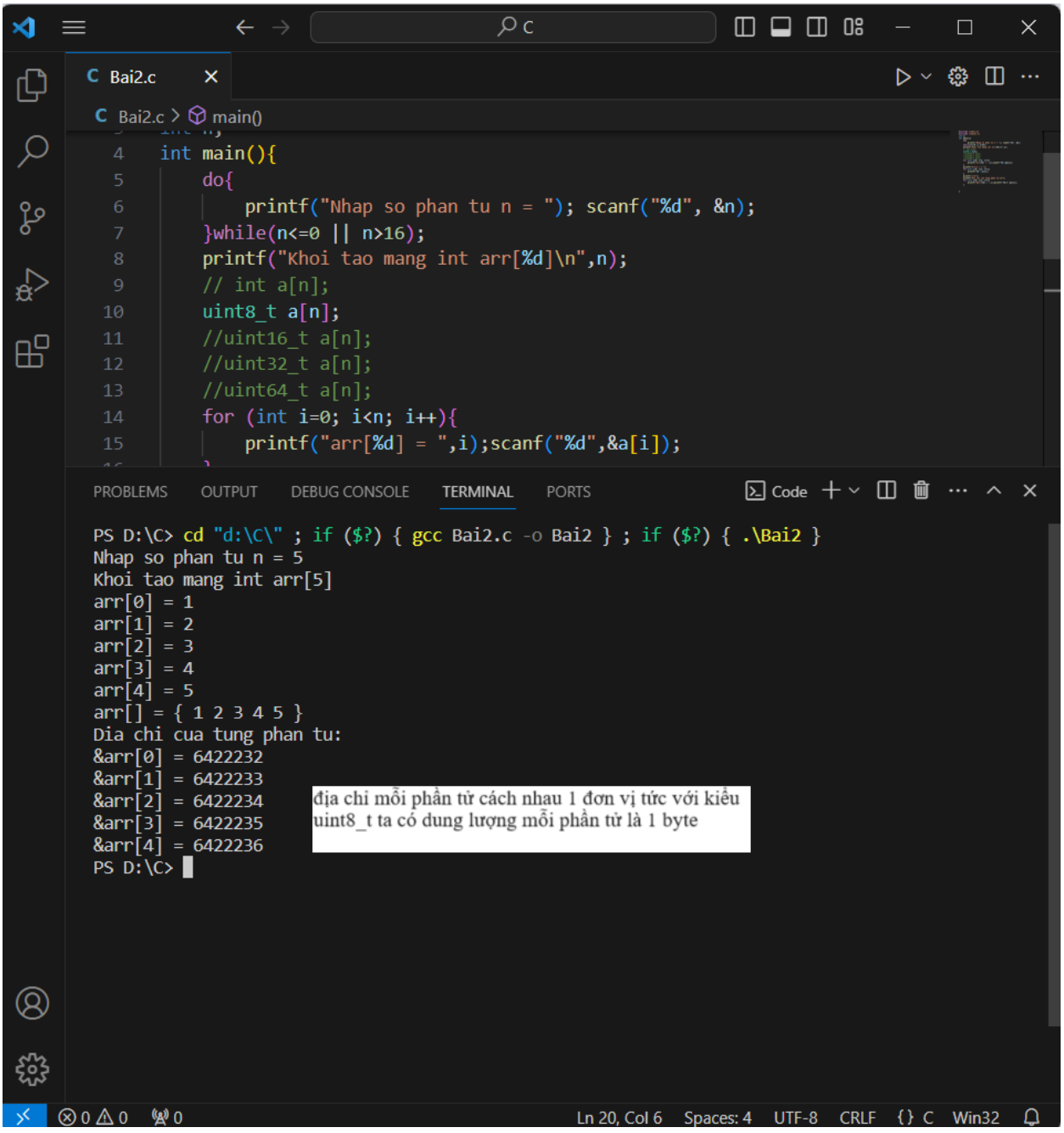
Bài 2

Kiểu int



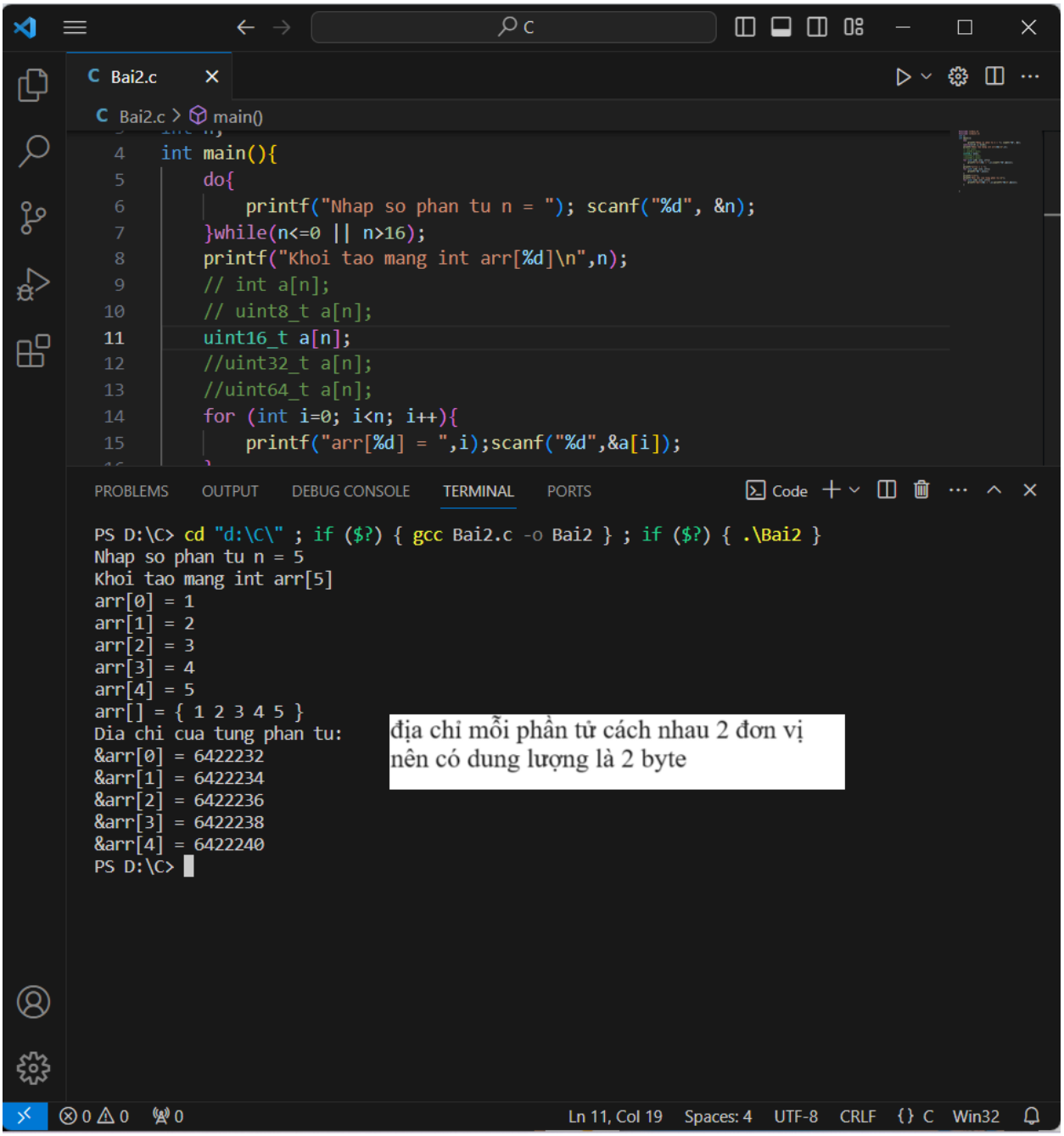
Bài 2

Kiểu uint8_t



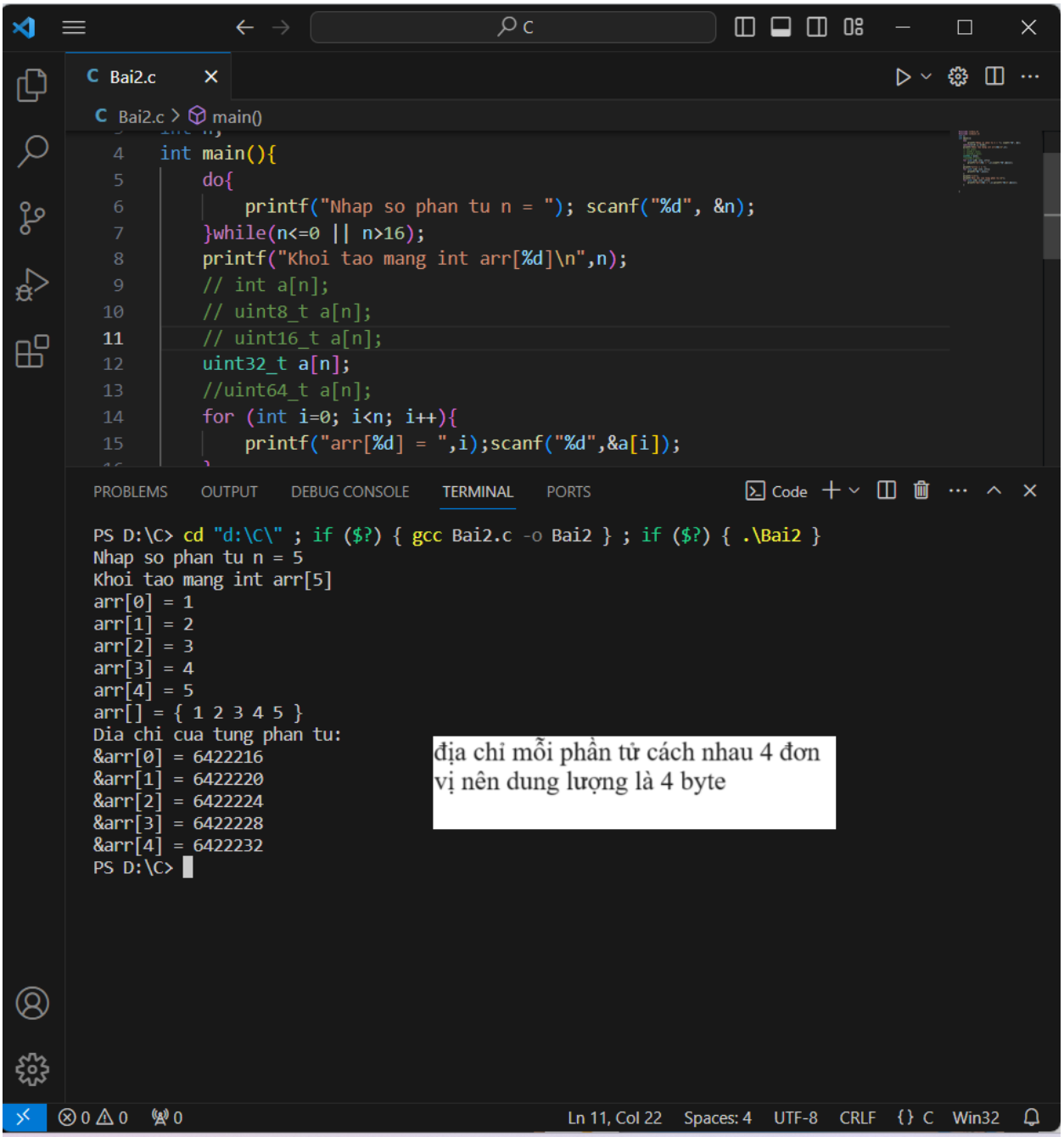
Bài 2

Kiểu uint16_t



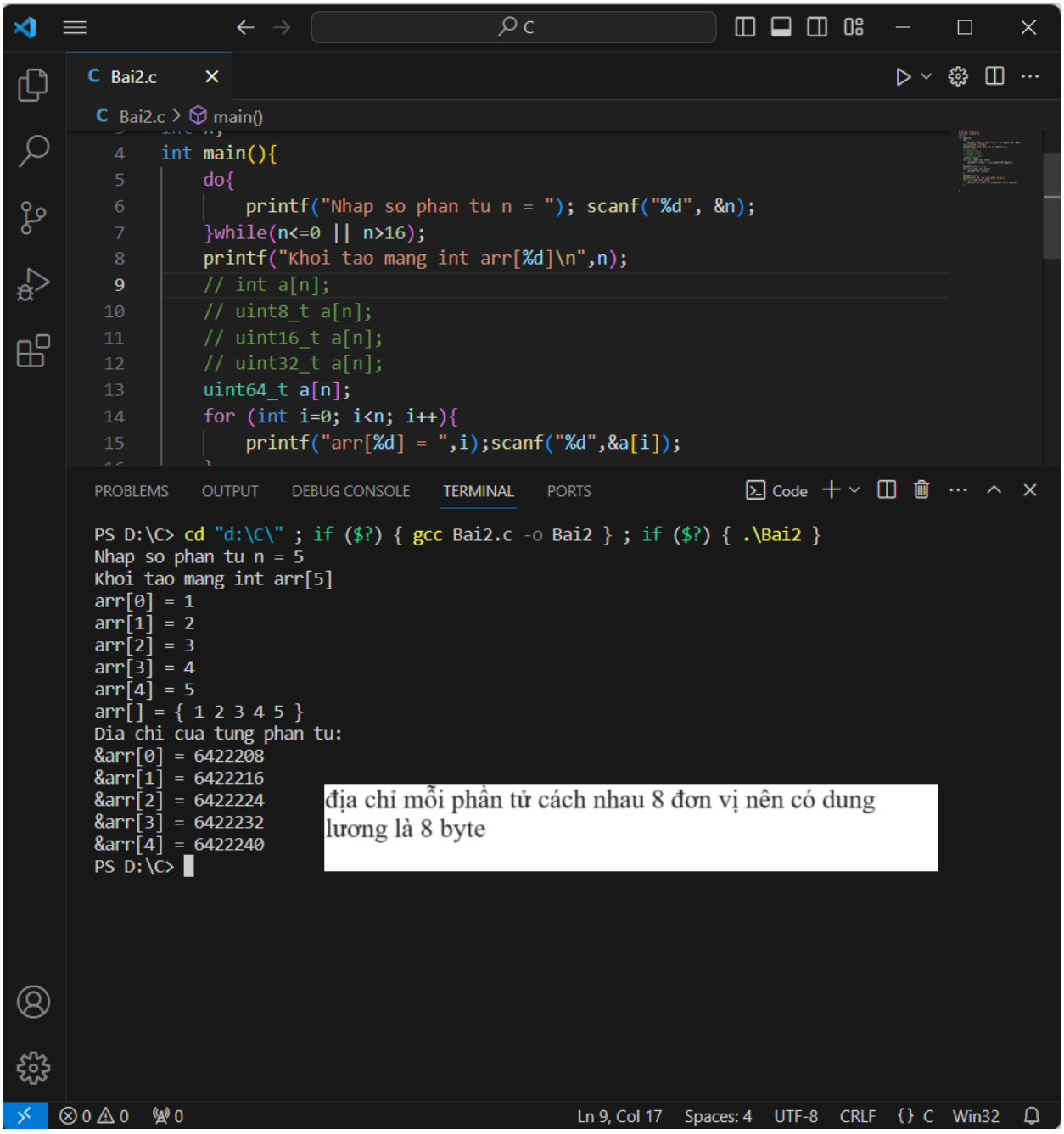
Bài 2

Uint32_t

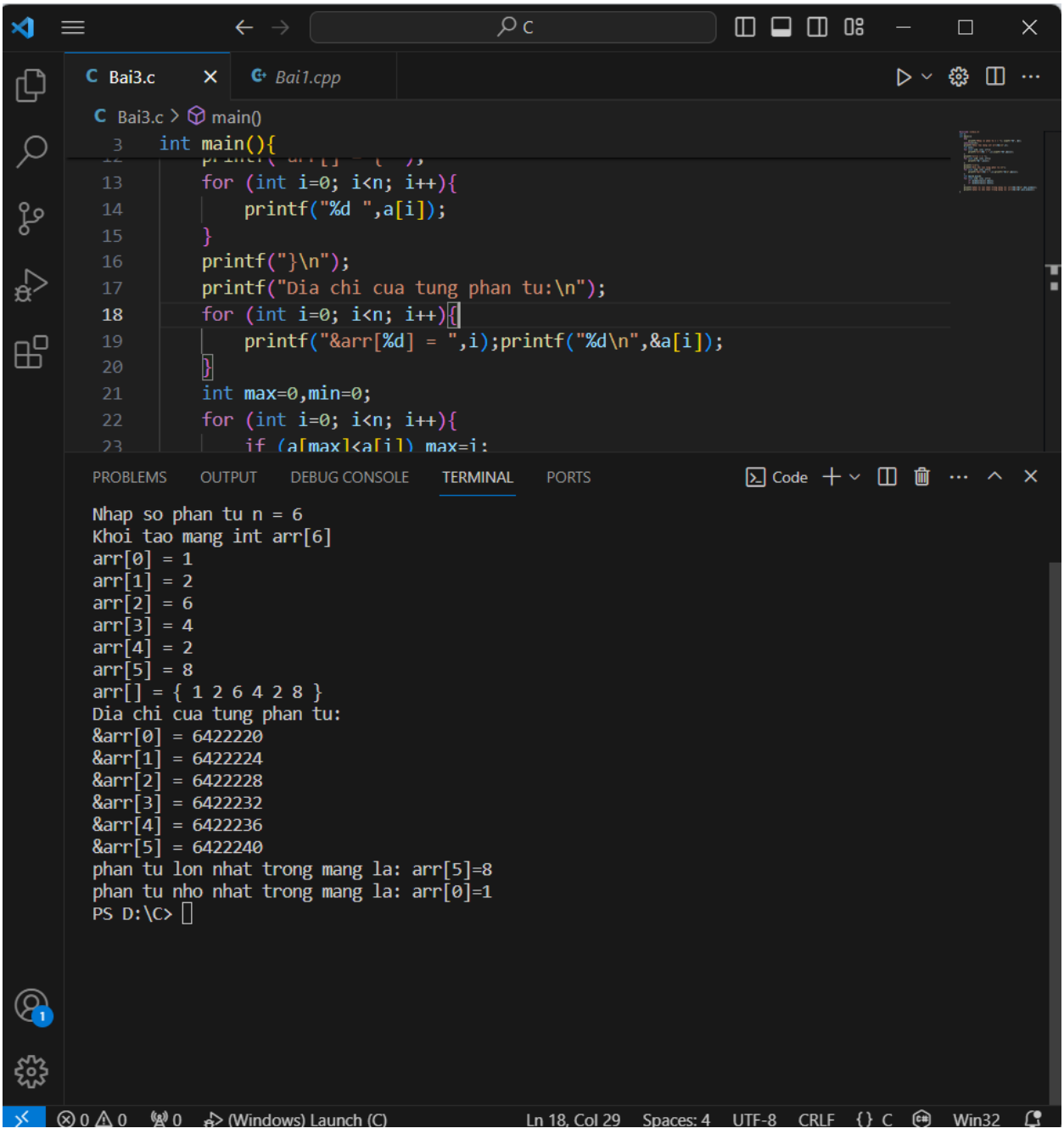


Bài 2

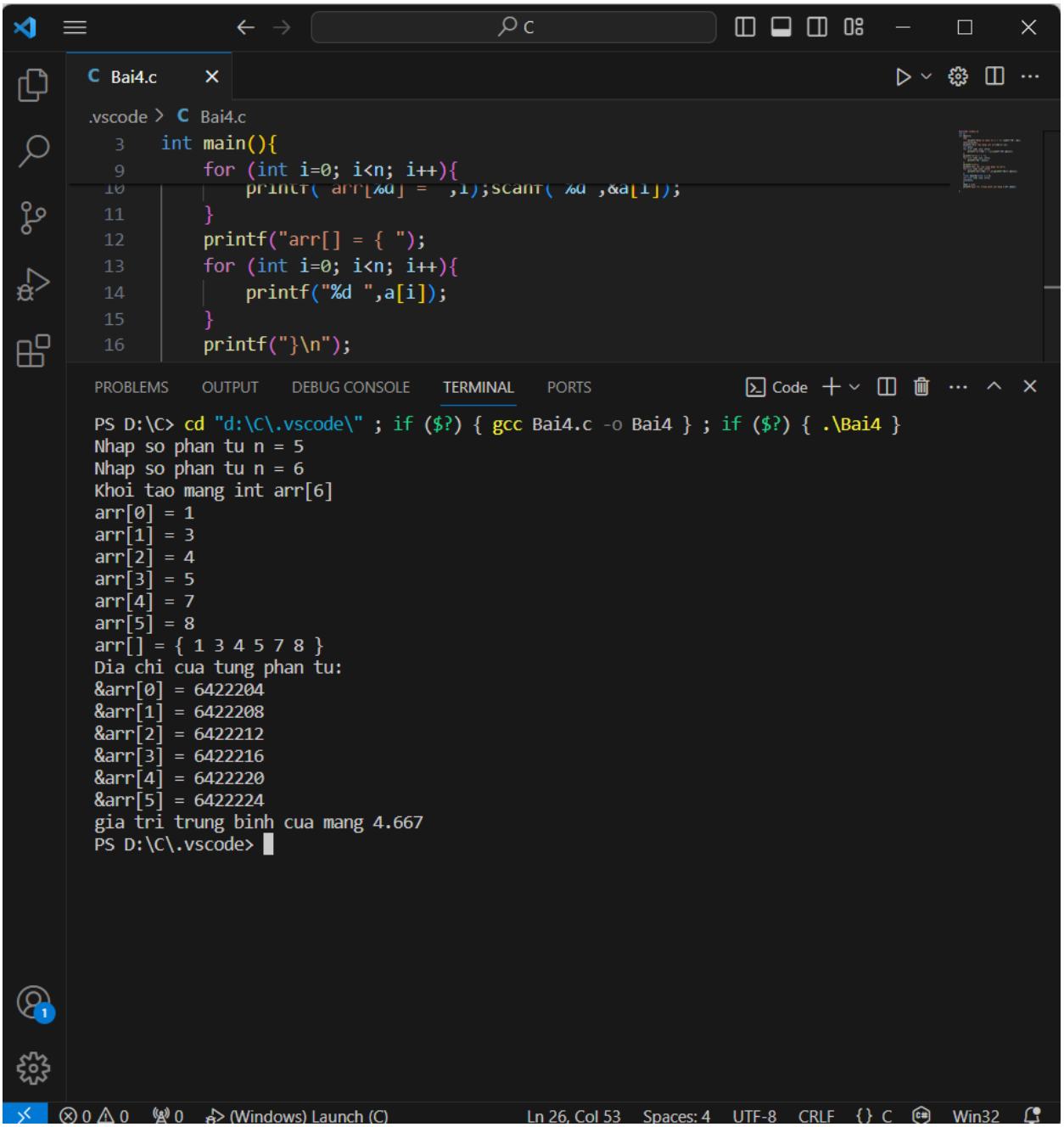
Kiểu uint64_t



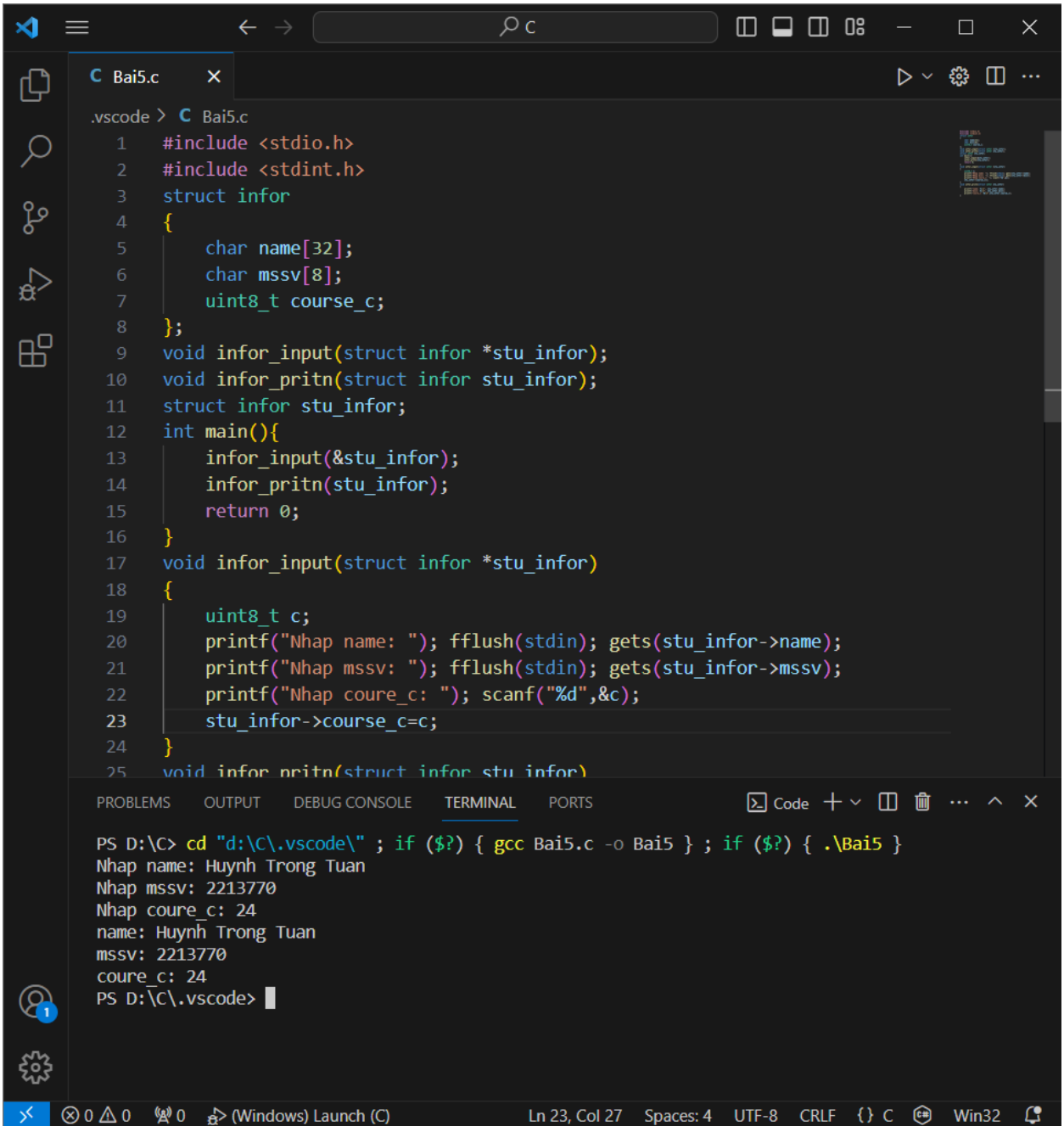
Bài 3


Bai3.c
Bai1.cpp
Bai3.c > main()
int main(){
for (int i=0; i<n; i++){
printf("%d ",a[i]);
}
printf("}\n");
printf("Dia chi cua tung phan tu:\n");
for (int i=0; i<n; i++){
printf("&arr[%d] = ",i);printf("%d\n",&a[i]);
}
int max=0,min=0;
for (int i=0; i<n; i++){
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
Code
Nhap so phan tu n = 6
Khoi tao mang int arr[6]
arr[0] = 1
arr[1] = 2
arr[2] = 6
arr[3] = 4
arr[4] = 2
arr[5] = 8
arr[] = { 1 2 6 4 2 8 }
Dia chi cua tung phan tu:
&arr[0] = 6422220
&arr[1] = 6422224
&arr[2] = 6422228
&arr[3] = 6422232
&arr[4] = 6422236
&arr[5] = 6422240
phan tu lon nhat trong mang la: arr[5]=8
phan tu nho nhat trong mang la: arr[0]=1
PS D:\C>
(Windows) Launch (C)
Ln 18, Col 29
Spaces: 4
UTF-8
CRLF
C
Win32

Bài 4

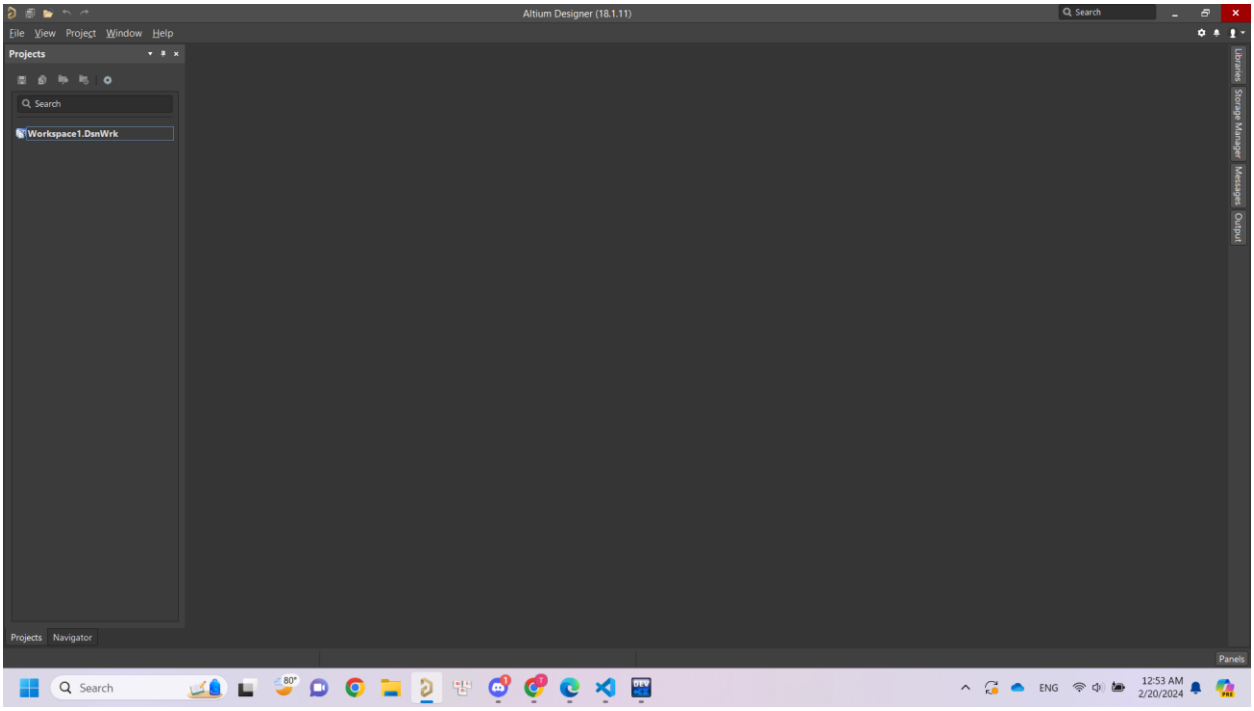

Bai4.c
.vscode > Bai4.c
int main(){
for (int i=0; i<n; i++){
printf("arr[%d] = ",i);scanf("%d",&a[i]);
}
printf("arr[] = { ");
for (int i=0; i<n; i++){
printf("%d ",a[i]);
}
printf("}\n");
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Code
PS D:\C> cd "d:\C\.vscode\" ; if ($?) { gcc Bai4.c -o Bai4 } ; if ($?) { .\Bai4 }
Nhap so phan tu n = 5
Nhap so phan tu n = 6
Khoi tao mang int arr[6]
arr[0] = 1
arr[1] = 3
arr[2] = 4
arr[3] = 5
arr[4] = 7
arr[5] = 8
arr[] = { 1 3 4 5 7 8 }
Dia chi cua tung phan tu:
&arr[0] = 6422204
&arr[1] = 6422208
&arr[2] = 6422212
&arr[3] = 6422216
&arr[4] = 6422220
&arr[5] = 6422224
gia tri trung binh cua mang 4.667
PS D:\C\.vscode>
(Windows) Launch (C)
Ln 26, Col 53
Spaces: 4
UTF-8
CRLF
C
Win32

Bài 5

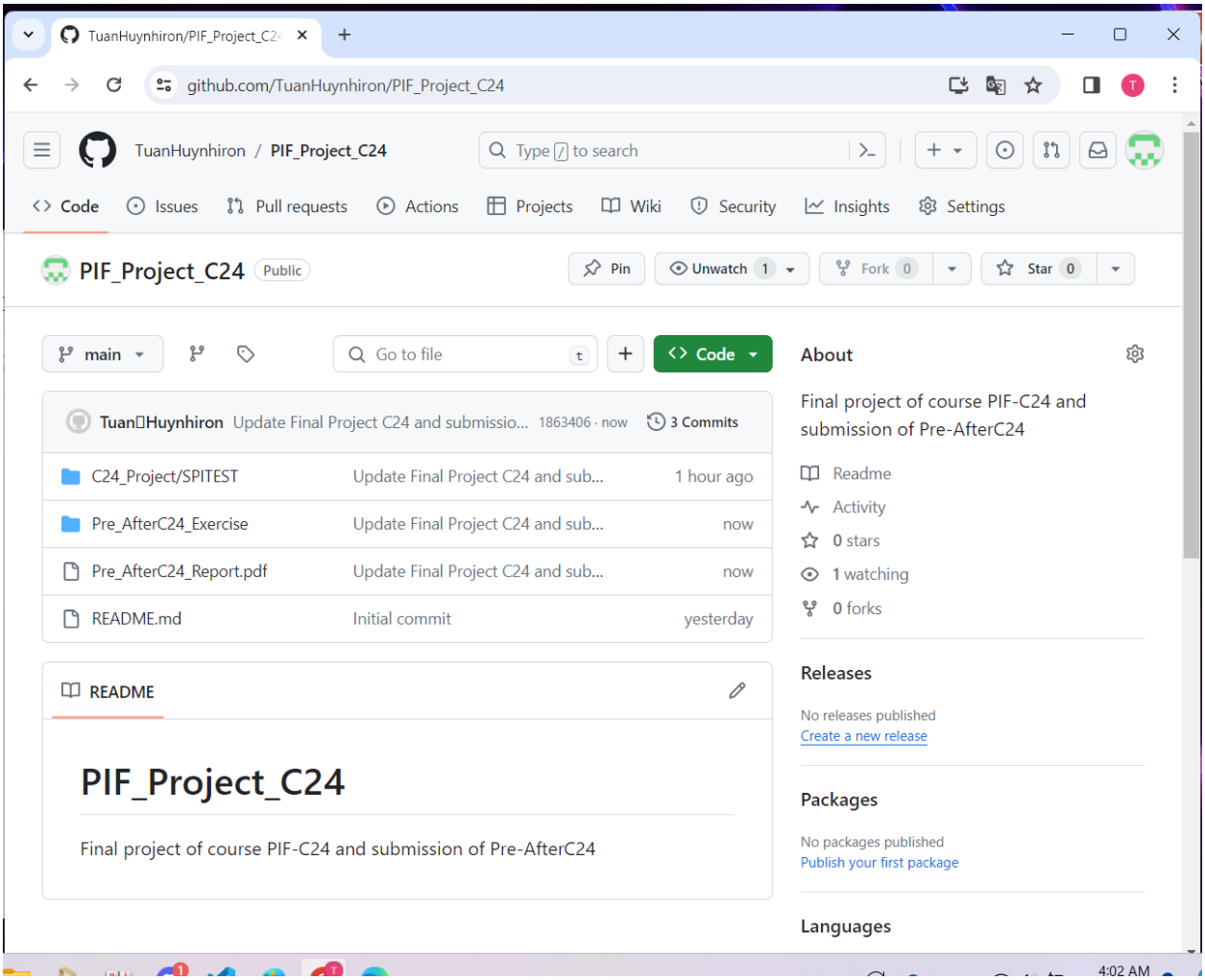

Bai5.c
.vscode > Bai5.c
#include <stdio.h>
#include <stdint.h>
struct infor
{
char name[32];
char mssv[8];
uint8_t course_c;
};
void infor_input(struct infor *stu_infor);
void infor_pritn(struct infor stu_infor);
struct infor stu_infor;
int main(){
infor_input(&stu_infor);
infor_pritn(stu_infor);
return 0;
}
void infor_input(struct infor *stu_infor)
{
uint8_t c;
printf("Nhap name: "); fflush(stdin); gets(stu_infor->name);
printf("Nhap mssv: "); fflush(stdin); gets(stu_infor->mssv);
printf("Nhap coure_c: "); scanf("%d",&c);
stu_infor->course_c=c;
}
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
Code
PS D:\C> cd "d:\C\.vscode\" ; if ($?) { gcc Bai5.c -o Bai5 } ; if ($?) { .\Bai5 }
Nhap name: Huynh Trong Tuan
Nhap mssv: 2213770
Nhap coure_c: 24
name: Huynh Trong Tuan
mssv: 2213770
coure_c: 24
PS D:\C\.vscode>
(Windows) Launch (C)
Ln 23, Col 27
Spaces: 4
UTF-8
CRLF
C
Win32

3.3

3.4


Altium Designer (18.1.11)
File View Project Window Help
Projects
Search
Workspace1.DsnWrk
Projects Navigator
Libraries Storage Manager Messages Output
Panels
Search
ENG
12:53 AM
2/20/2024

3.5


TuanHuynhiron/PIF_Project_C24
github.com/TuanHuynhiron/PIF_Project_C24
TuanHuynhiron / PIF_Project_C24
Type / to search
Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
PIF_Project_C24
Public
Pin
Unwatch 1
Fork 0
Star 0
main
Go to file
t
Code
TuanHuynhiron Update Final Project C24 and submissio... 1863406 · now
3 Commits
C24_Project/SPITEST Update Final Project C24 and sub... 1 hour ago
Pre_AfterC24_Exercise Update Final Project C24 and sub... now
Pre_AfterC24_Report.pdf Update Final Project C24 and sub... now
README.md Initial commit yesterday
README
PIF_Project_C24
Final project of course PIF-C24 and submission of Pre-AfterC24
About
Final project of course PIF-C24 and submission of Pre-AfterC24
Readme
Activity
0 stars
1 watching
0 forks
Releases
No releases published
Create a new release
Packages
No packages published
Publish your first package
Languages
4:02 AM