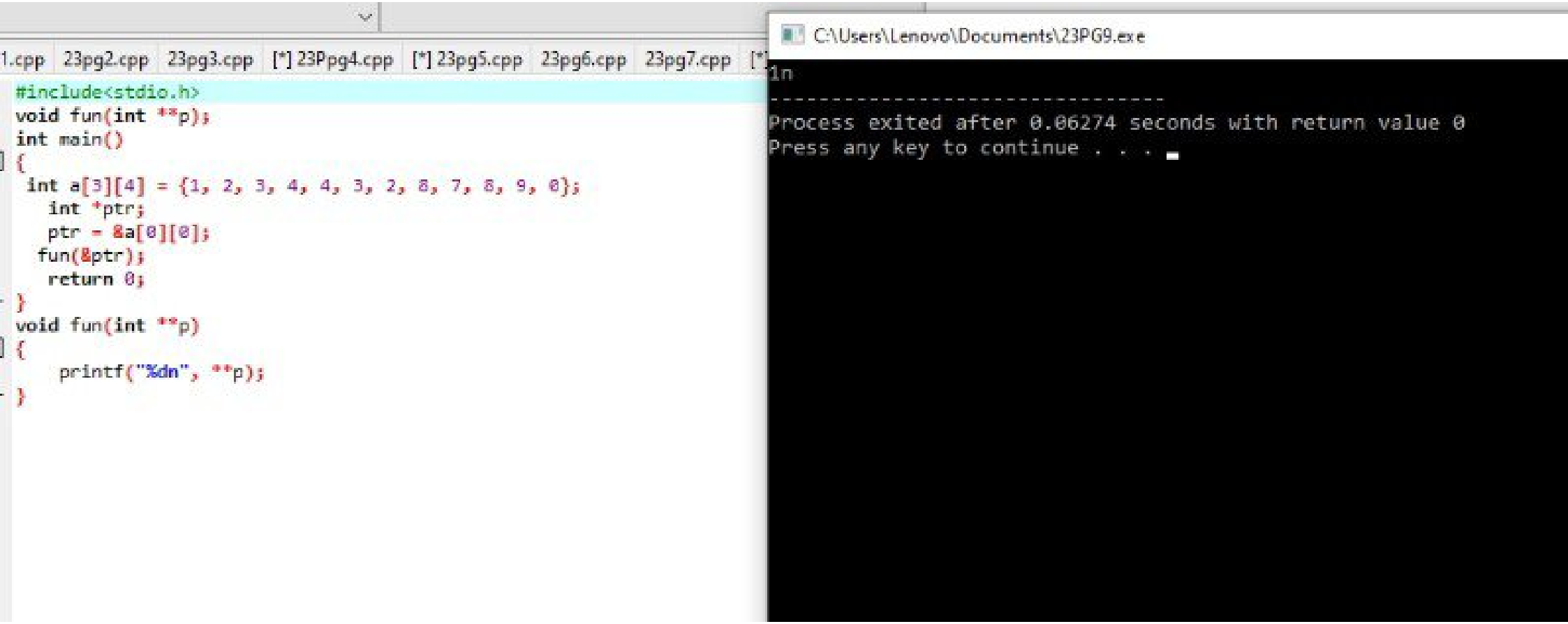
.cpp | 23pg2.cpp | 23pg3.cpp | [*] 23Ppg4.cpp | [*] 23pg5.cpp | 23pg6.cpp | 23pg7.cpp | [*] 23pg8

```
    char temp[MAX_NAME_LENGTH];

    printf("Enter the number of names (up to %d): ", MAX_NAMES);
    scanf("%d", &n);


    for (i = 0; i < n; i++) {
        printf("Enter name %d: ", i + 1);
        scanf("%s", names[i]);
    }


    printf("Sort in ascending order (1) or descending order (0)? ");
    scanf("%d", &ascending);


    for (i = 0; i < n-1; i++) {
        for (j = 0; j < n-i-1; j++) {
            int cmp_result = strcmp(names[j], names[j+1]);
            if (ascending ? cmp_result > 0 : cmp_result < 0) {
                strcpy(temp, names[j]);
                strcpy(names[j], names[j+1]);
                strcpy(names[j+1], temp);
            }
        }
    }
```

```
Enter the number of names (up to 100): 5
Enter name 1: banana
Enter name 2: carrot
Enter name 3: radish
Enter name 4: apple
Enter name 5: jack
Sort in ascending order (1) or descending order (0)? 1
Sorted names:
apple
banana
carrot
jack
radish

--------------------------------
Process exited after 45.73 seconds with return value 0
Press any key to continue . . .
```

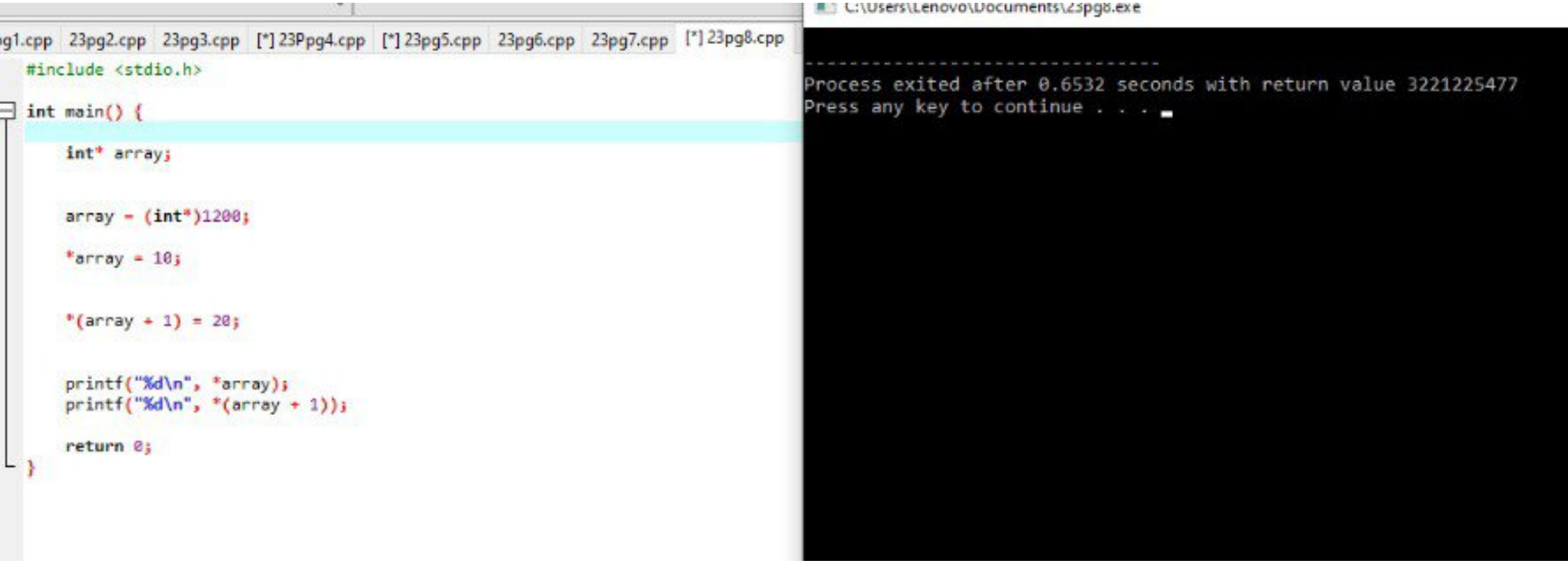


1.cpp | 23pg2.cpp | 23pg3.cpp | [*] 23Ppg4.cpp | [*] 23pg5.cpp | 23pg6.cpp | 23pg7.cpp

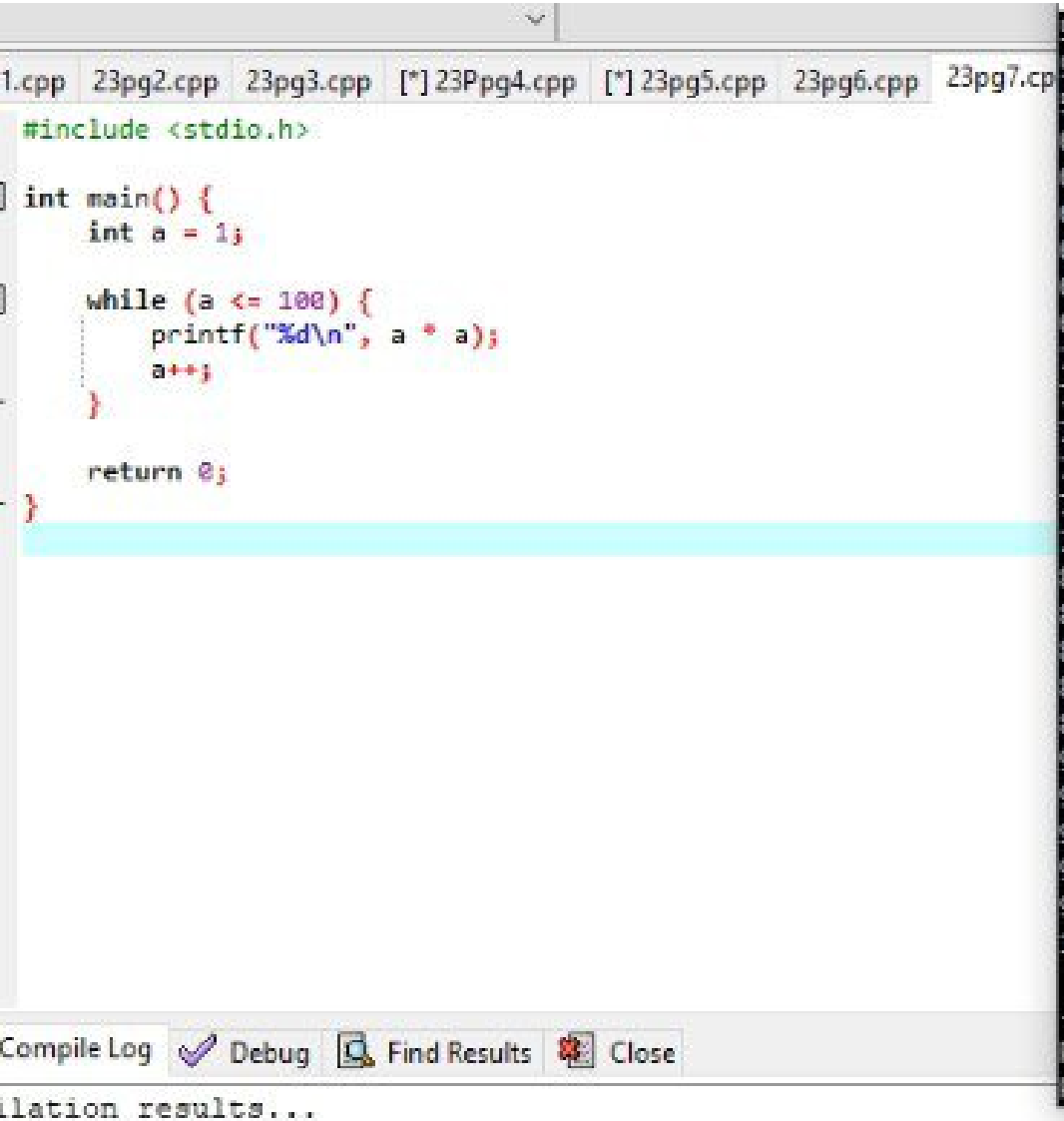
```c
#include<stdio.h>
void fun(int **p);
int main()
{
 int a[3][4] = {1, 2, 3, 4, 4, 3, 2, 8, 7, 8, 9, 0};
   int *ptr;
   ptr = &a[0][0];
  fun(&ptr);
   return 0;
}
void fun(int **p)
{
    printf("%dn", **p);
}
```

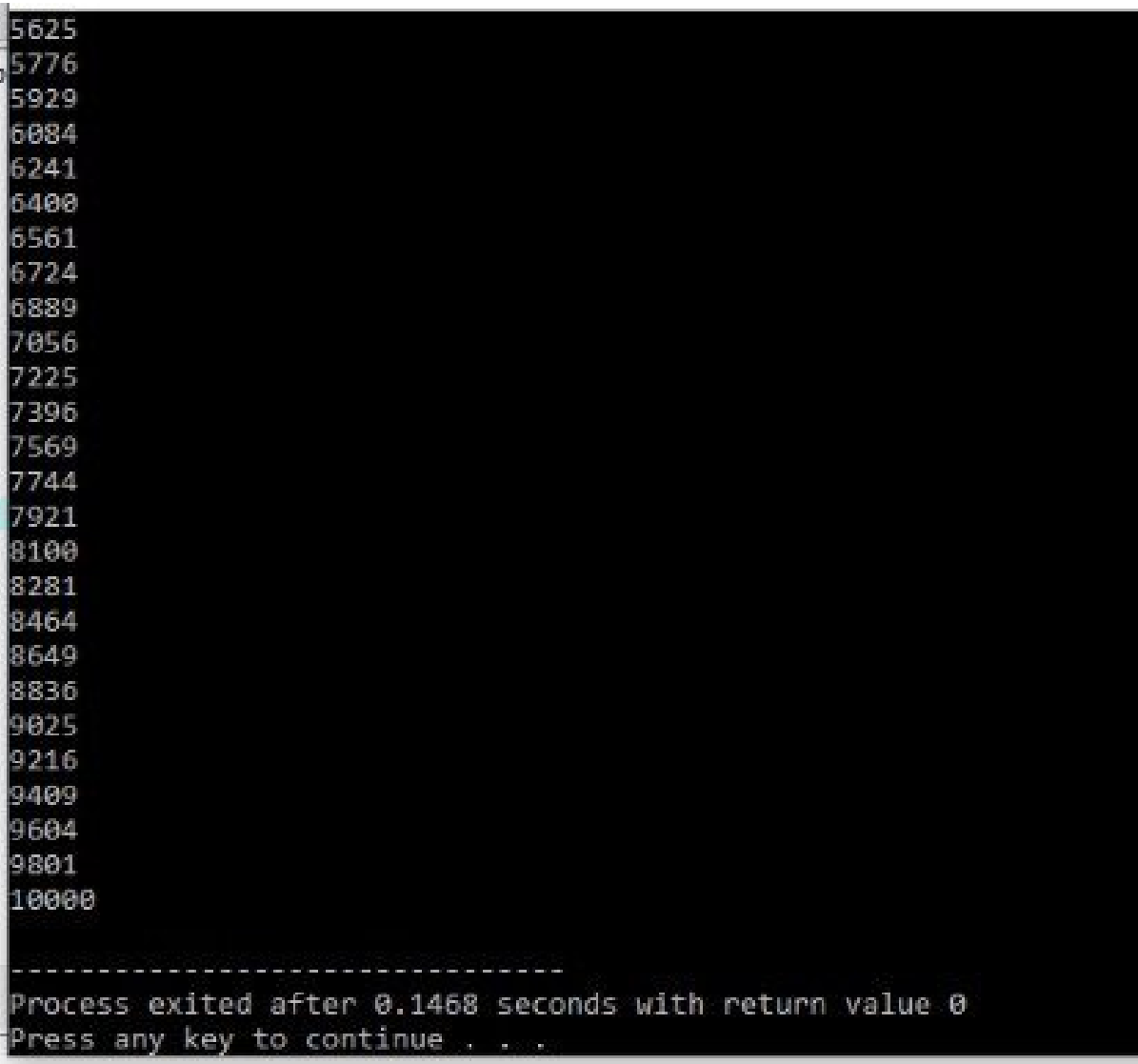
C:\Users\Lenovo\Documents\23PG9.exe

```
in
--------------------------------
Process exited after 0.06274 seconds with return value 0
Press any key to continue . . .
```

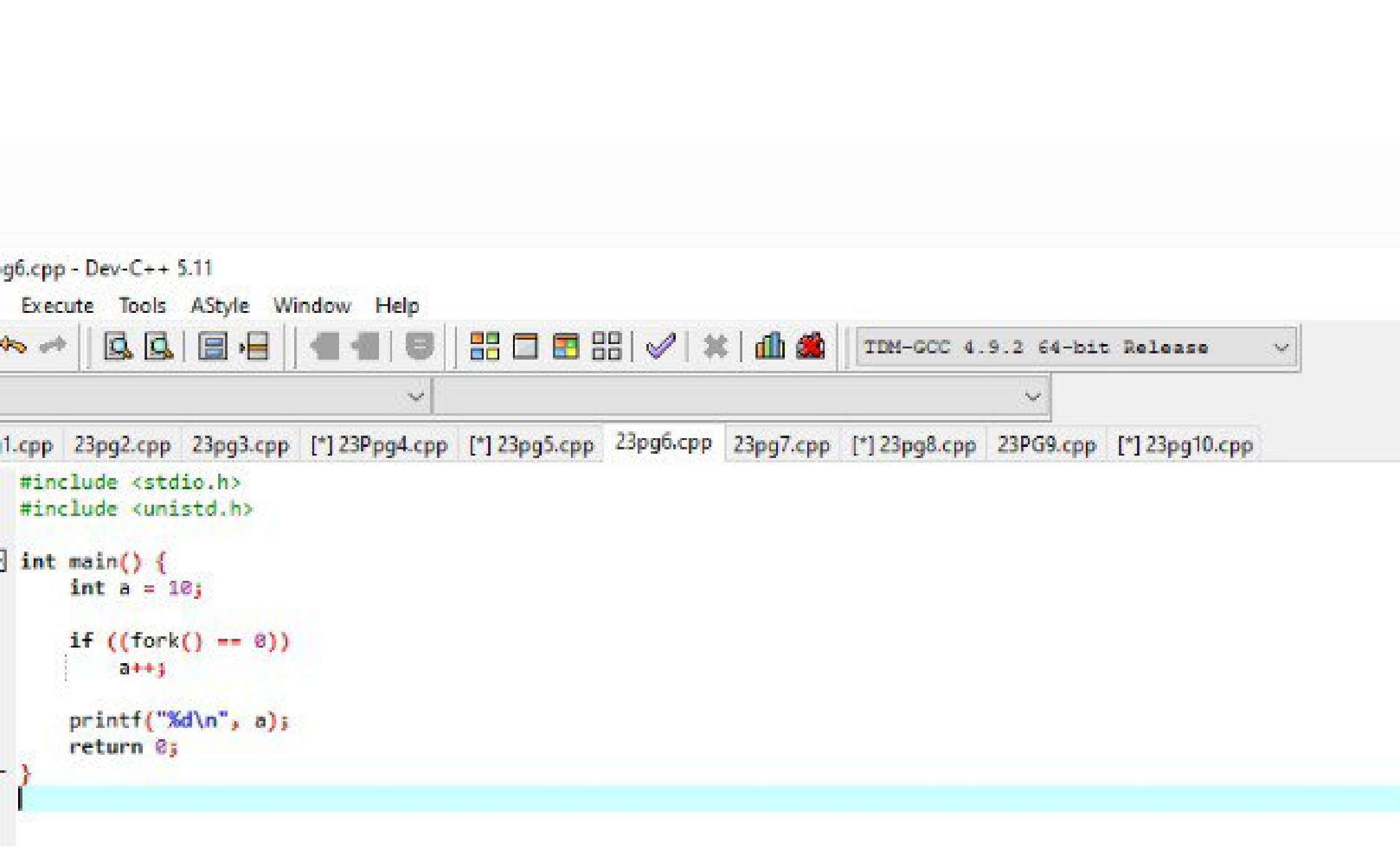

g1.cpp
23pg2.cpp
23pg3.cpp
[*] 23Ppg4.cpp
[*] 23pg5.cpp
23pg6.cpp
23pg7.cpp
[*] 23pg8.cpp
#include <stdio.h>
int main() {
int* array;
array = (int*)1200;
*array = 10;
*(array + 1) = 20;
printf("%d\n", *array);
printf("%d\n", *(array + 1));
return 0;
}
C:\Users\Lenovo\Documents\23pg8.exe

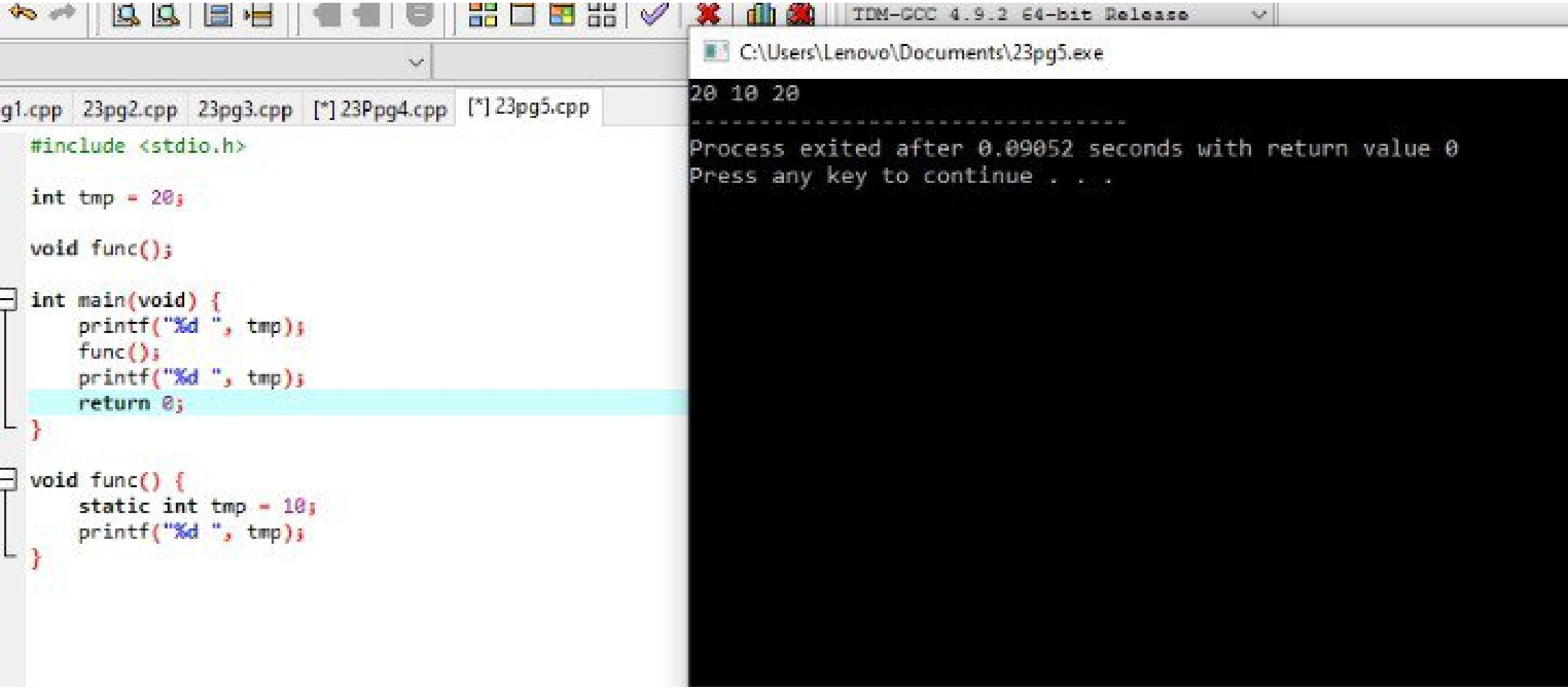
Process exited after 0.6532 seconds with return value 3221225477
Press any key to continue . . .


1.cpp
23pg2.cpp
23pg3.cpp
[*] 23Ppg4.cpp
[*] 23pg5.cpp
23pg6.cpp
23pg7.cp
#include <stdio.h>
int main() {
int a = 1;
while (a <= 100) {
printf("%d\n", a * a);
a++;
}
return 0;
}
Compile Log
Debug
Find Results
Close
ilation results...


5625
5776
5929
6084
6241
6400
6561
6724
6889
7056
7225
7396
7569
7744
7921
8100
8281
8464
8649
8836
9025
9216
9409
9604
9801
10000

Process exited after 0.1468 seconds with return value 0
Press any key to continue . . .


g6.cpp - Dev-C++ 5.11
Execute Tools AStyle Window Help
IDM-GCC 4.9.2 64-bit Release
1.cpp 23pg2.cpp 23pg3.cpp [*] 23Ppg4.cpp [*] 23pg5.cpp 23pg6.cpp 23pg7.cpp [*] 23pg8.cpp 23PG9.cpp [*] 23pg10.cpp
#include <stdio.h>
#include <unistd.h>
int main() {
int a = 10;
if ((fork() == 0))
a++;
printf("%d\n", a);
return 0;
}


IDM-GCC 4.9.2 64-bit Release
g1.cpp
23pg2.cpp
23pg3.cpp
[*] 23Ppg4.cpp
[*] 23pg5.cpp
#include <stdio.h>
int tmp = 20;
void func();
int main(void) {
printf("%d ", tmp);
func();
printf("%d ", tmp);
return 0;
}
void func() {
static int tmp = 10;
printf("%d ", tmp);
}
C:\Users\Lenovo\Documents\23pg5.exe
20 10 20
Process exited after 0.09052 seconds with return value 0
Press any key to continue . . .

cpp | 23pg2.cpp | 23pg3.cpp | [*] 23Ppg4.cpp

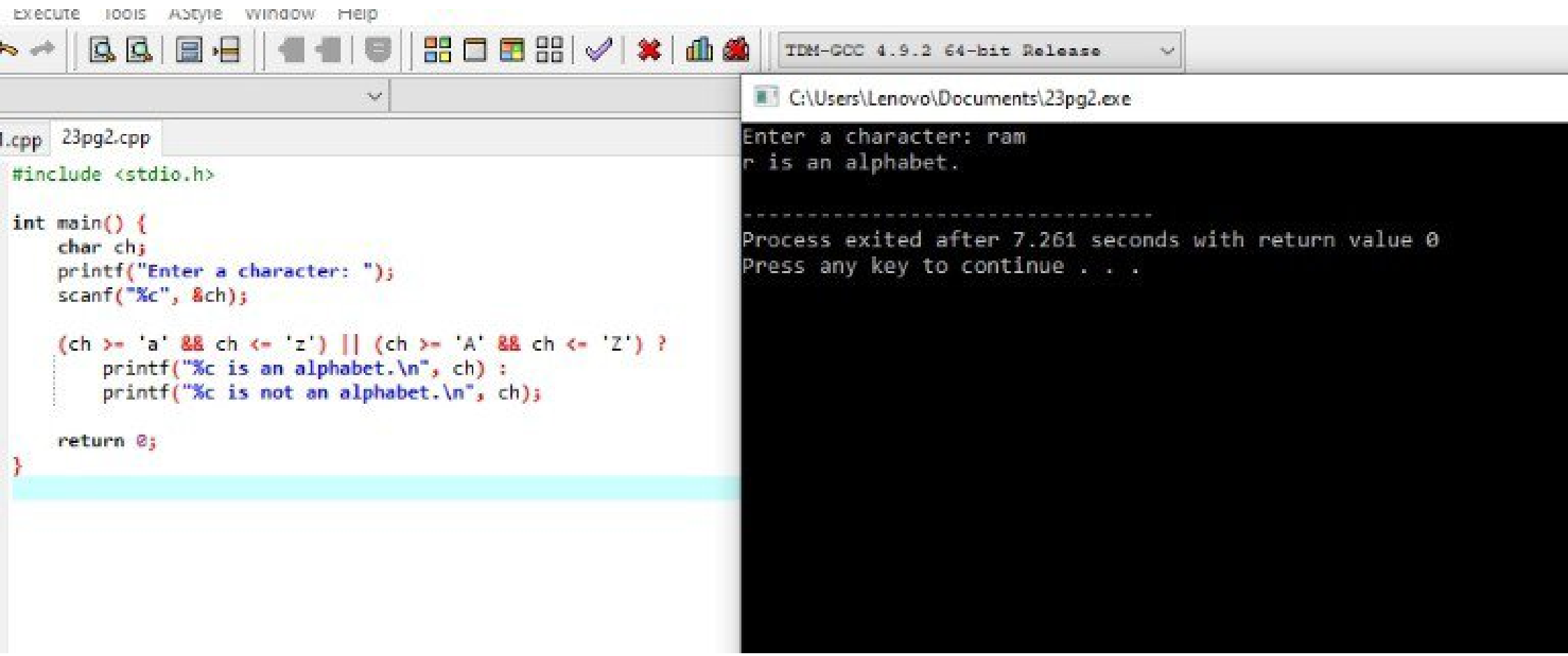
```
    int max_freq = 0, i;
    char max_char;

    printf("Enter any string: ");
    gets(str);

    for(i = 0; str[i] != '\0'; i++)
    {
        freq[str[i]]++;
    }


    for(i = 0; i < 256; i++)
    {
        if(freq[i] > max_freq)
        {
            max_freq = freq[i];
            max_char = i;
        }
    }

    printf("The maximum occurring character in the string is '%c' with frequency

    return 0;
}
```

```
Enter any string: 23
The maximum occurring character in the string is '2' with frequency 1.

--------------------------------
Process exited after 6.605 seconds with return value 0
Press any key to continue . . .
```

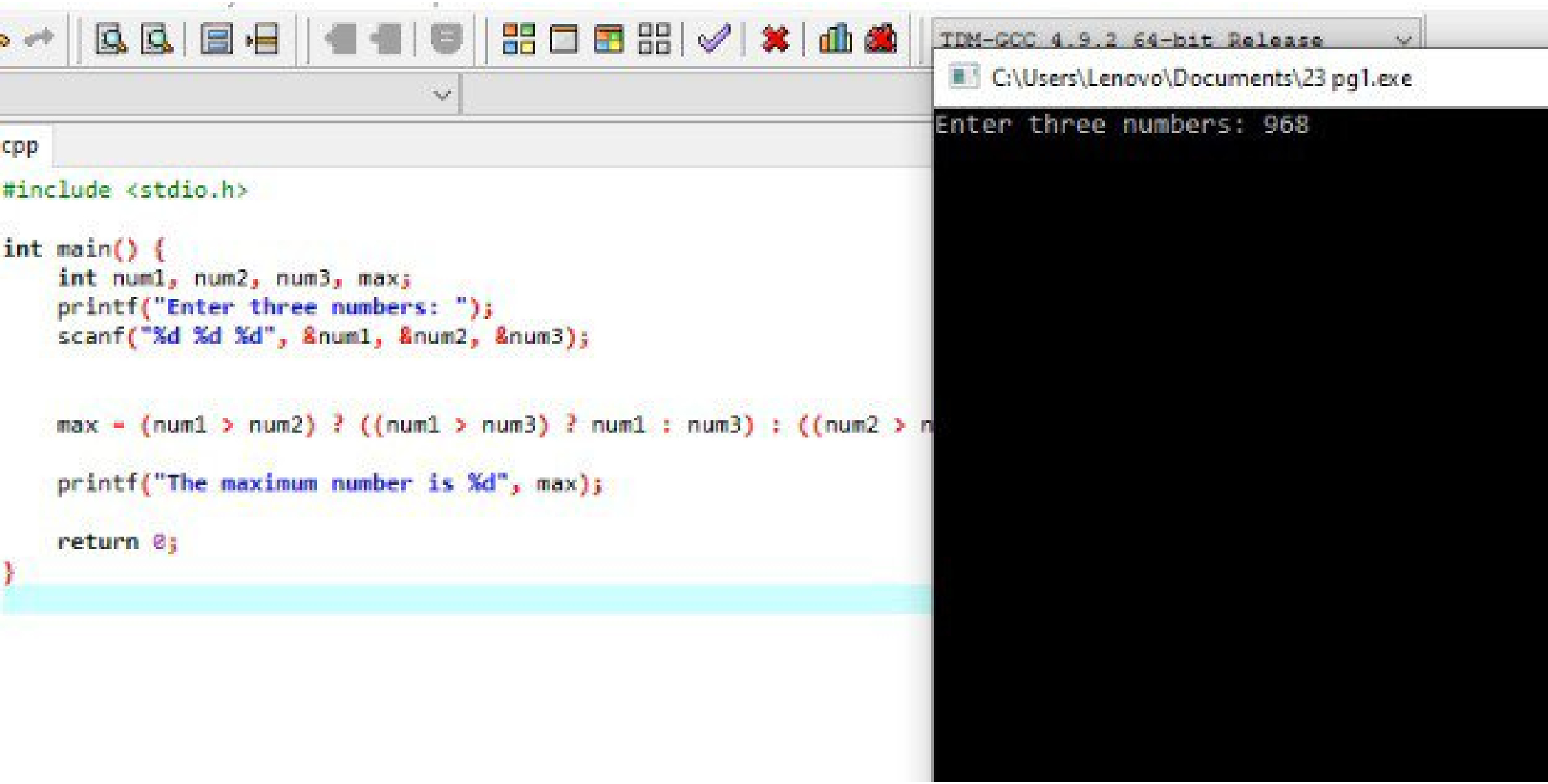
.cpp 23pg2.cpp 23pg3.cpp

```c
#include <stdio.h>

int main() {
    int n, sum = 0;
    printf("Enter the value of n: ");
    scanf("%d", &n);
    for(int i = 1; i <= n; i+=2) {
        sum += i;
    }
    printf("The sum of all odd numbers from 1 to %d is: %d", n, sum);
    return 0;
}
```

```
Enter the value of n: 5
The sum of all odd numbers from 1 to 5 is: 9
--------------------------------
Process exited after 2.469 seconds with return value 0
Press any key to continue . . .
```


Execute Tools Astyle Window Help
TDM-GCC 4.9.2 64-bit Release
1.cpp
23pg2.cpp
#include <stdio.h>
int main() {
char ch;
printf("Enter a character: ");
scanf("%c", &ch);
(ch >= 'a' && ch <= 'z') || (ch >= 'A' && ch <= 'Z') ?
printf("%c is an alphabet.\n", ch) :
printf("%c is not an alphabet.\n", ch);
return 0;
}
C:\Users\Lenovo\Documents\23pg2.exe
Enter a character: ram
r is an alphabet.

Process exited after 7.261 seconds with return value 0
Press any key to continue . . .


TDM-GCC 4.9.2 64-bit Release
C:\Users\Lenovo\Documents\23 pg1.exe
Enter three numbers: 968
cpp
#include <stdio.h>
int main() {
int num1, num2, num3, max;
printf("Enter three numbers: ");
scanf("%d %d %d", &num1, &num2, &num3);
max = (num1 > num2) ? ((num1 > num3) ? num1 : num3) : ((num2 > n
printf("The maximum number is %d", max);
return 0;
}