

main.c [assi2] - Code::Blocks 20.03

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<global>

Managemen x

Project

Workspace

assi2

Source

m

```
1 #include <stdio.h>
2
3 void copy_array(int *, int *, int);
4
5 int main() {
6     int arr1[100], arr2[100], n, i;
7     printf("Enter the size of array: ");
8     scanf("%d", &n);
9     printf("Enter the elements of array:\n");
10    for(i = 0; i < n; i++)
11        scanf("%d", &arr1[i]);
12    copy_array(arr1, arr2, n);
13    printf("Elements of array2 are:\n");
14    for(i = 0; i < n; i++)
15        printf("%d ", arr2[i]);
16    return 0;
17 }
18
19 void copy_array(int *arr1, int *arr2, int n) {
20     int i;
21     for(i = 0; i < n; i++)
22         *(arr2 + i) = *(arr1 + i);
23 }
24
```

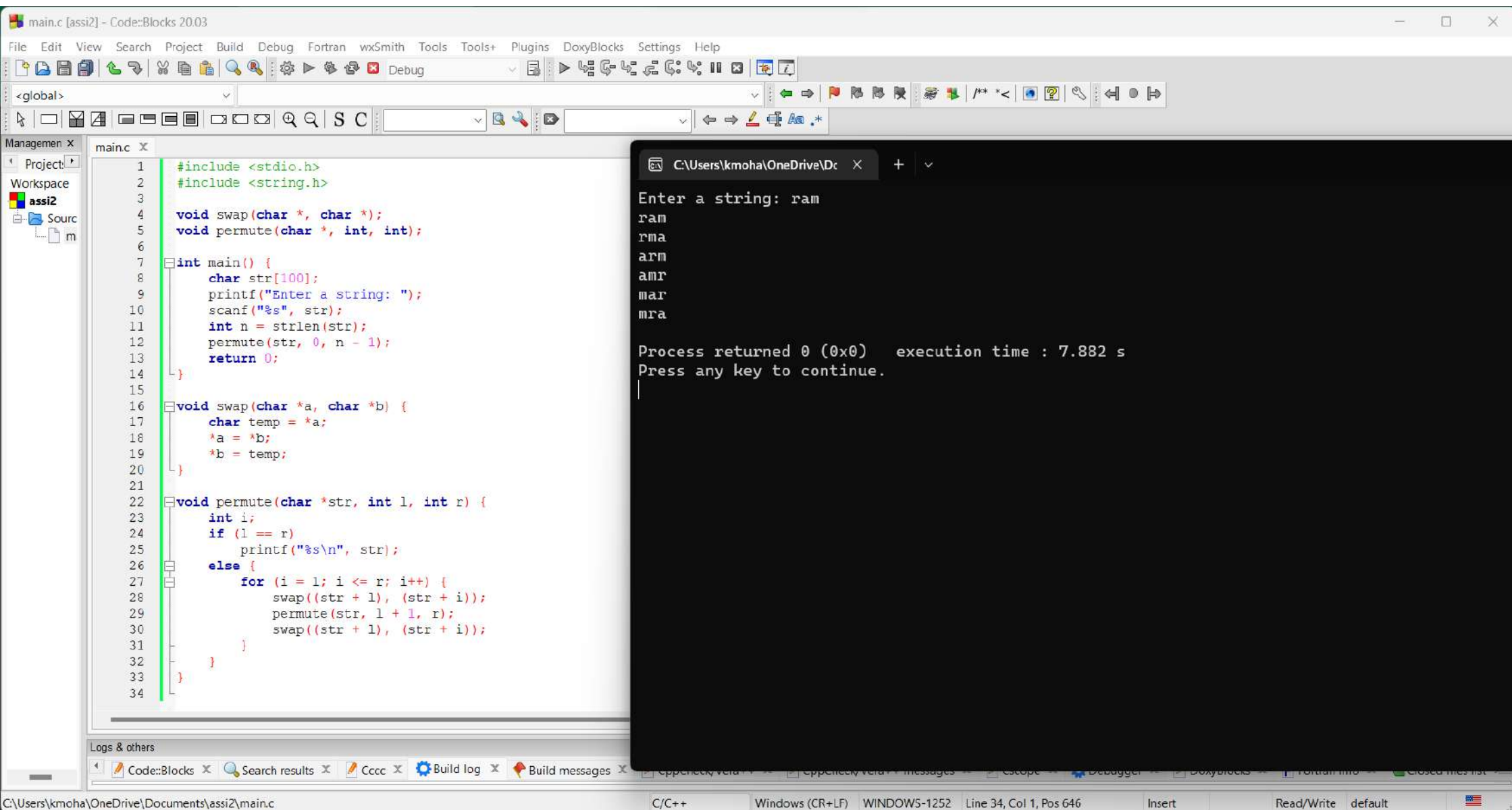
Logs & others

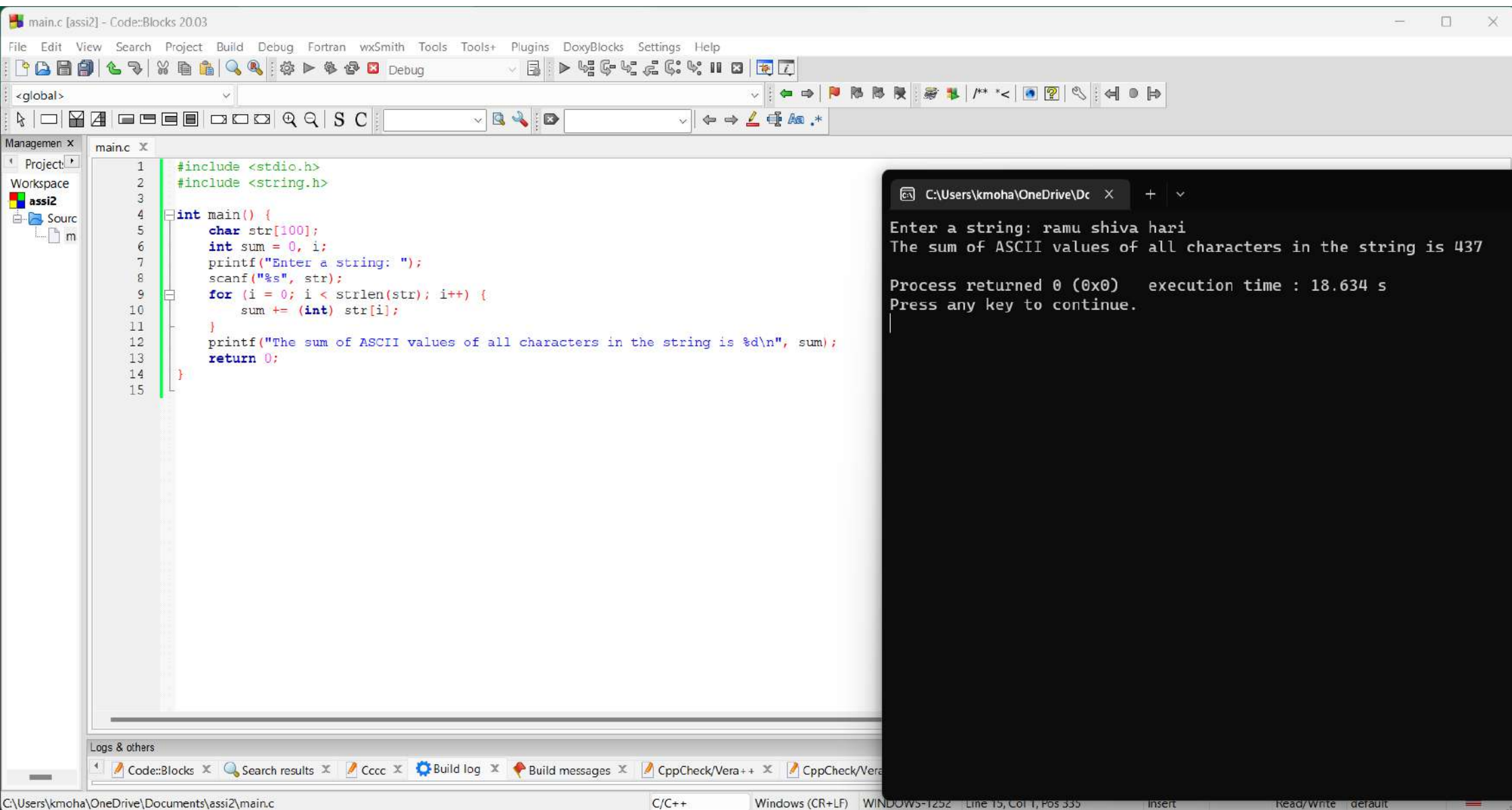
Code::Blocks x Search results x Cccc x Build log x Build messages x CppCheck/Vera++ x CppCheck/Vera++ messages x Cscope x Debugger x DoxyBlocks x Fortran Info x Closed files list

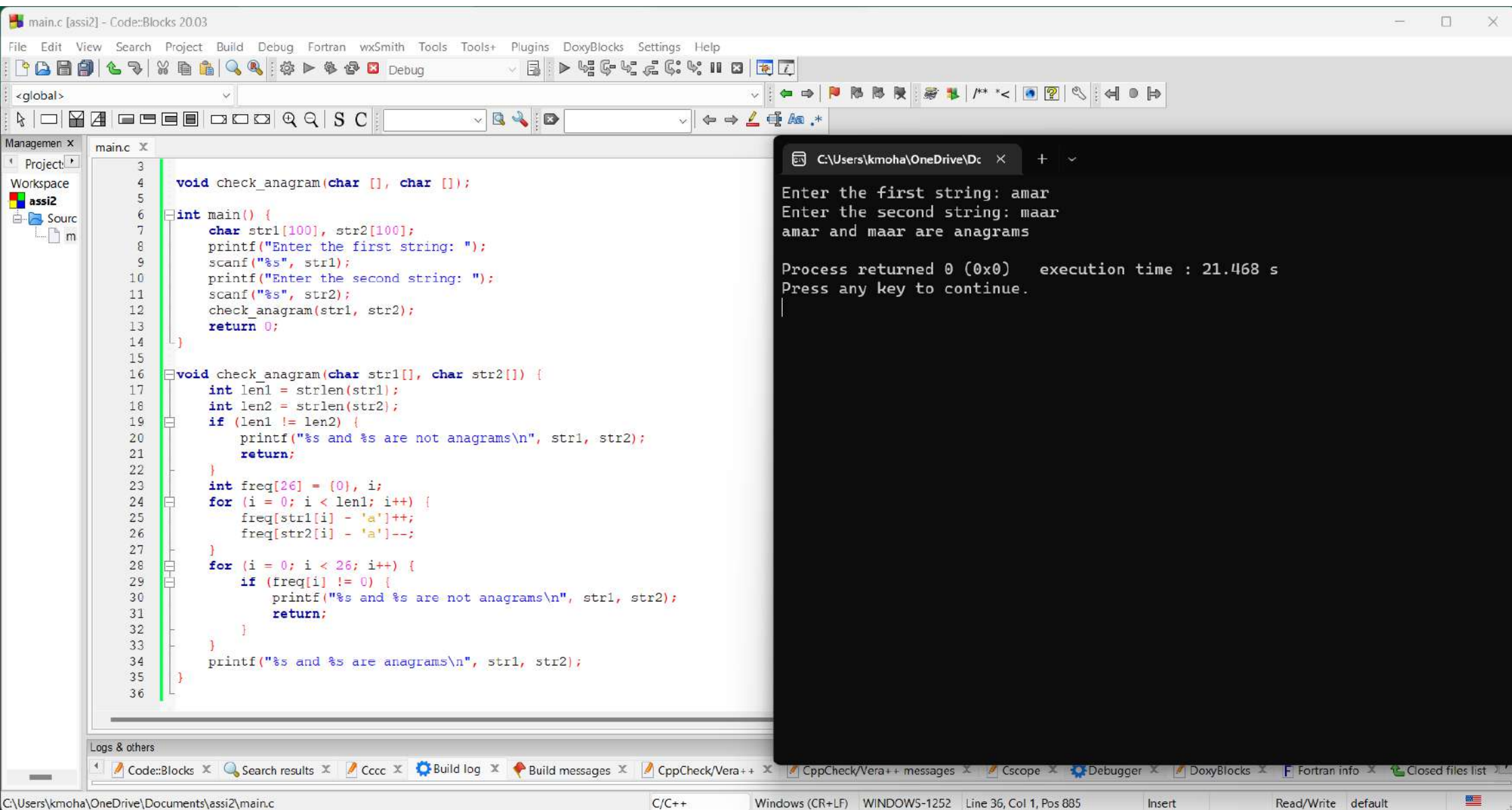
C:\Users\kmoha\OneDrive\Documents\assi2\main.c C/C++ Windows (CR+LF) WINDOWS-1252 Line 24, Col 1, Pos 565 Insert Read/Write default

C:\Users\kmoha\OneDrive\Documents\assi2\main.c

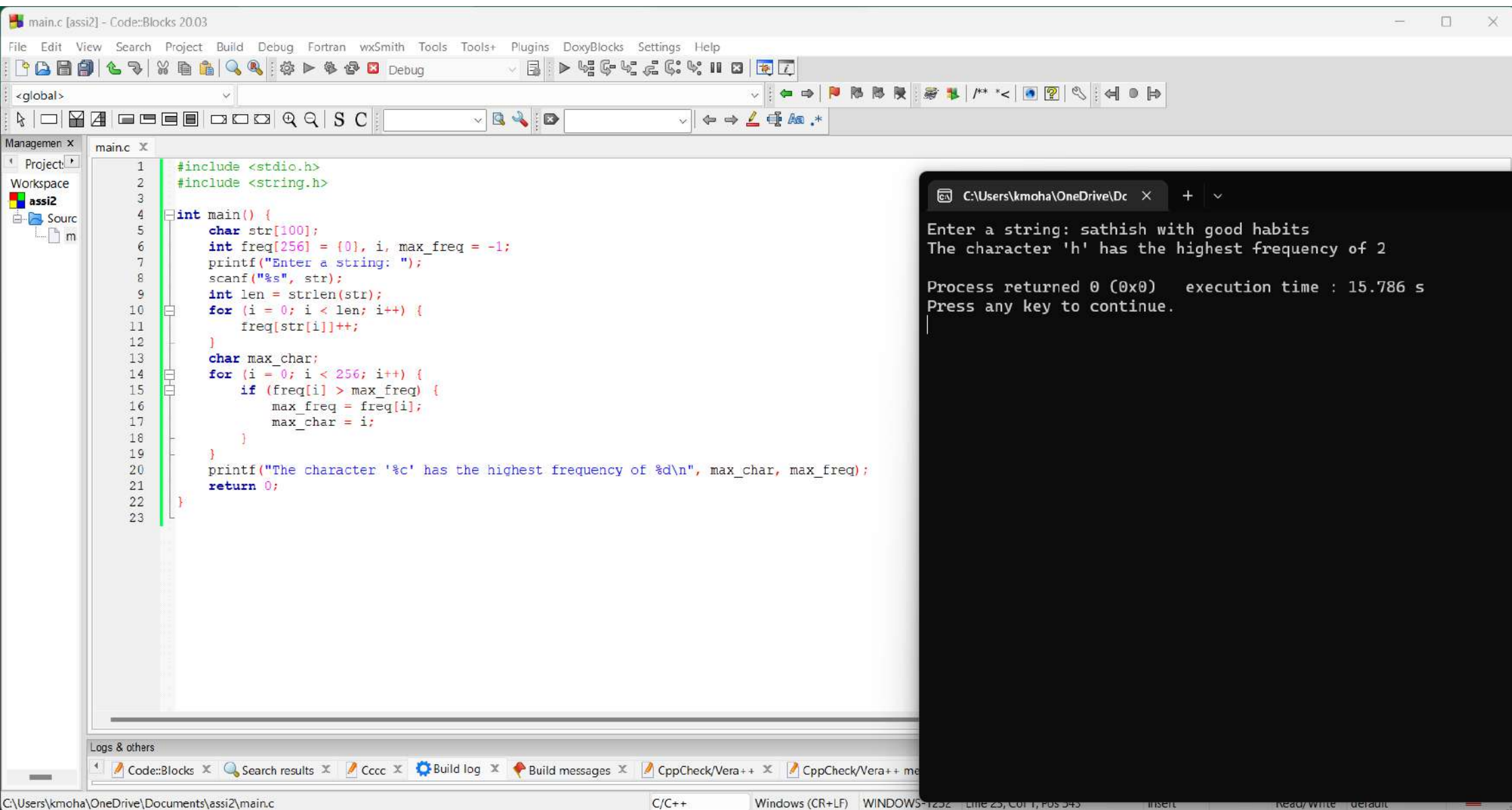
Enter the size of array: 5  
Enter the elements of array:  
4  
56  
22  
36  
89  
Elements of array2 are:  
4 56 22 36 89  
Process returned 0 (0x0) execution time : 22.725 s  
Press any key to continue.











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<global>

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m

main.c x

```
1 #include <stdio.h>
2
3 int find_lcm(int num1, int num2);
4
5 int main() {
6     int num1, num2, lcm;
7     printf("Enter two numbers: ");
8     scanf("%d%d", &num1, &num2);
9     lcm = find_lcm(num1, num2);
10    printf("The LCM of %d and %d is %d\n", num1, num2, lcm);
11    return 0;
12 }
13
14 int find_lcm(int num1, int num2) {
15     int max = (num1 > num2) ? num1 : num2;
16     while (1) {
17         if (max % num1 == 0 && max % num2 == 0) {
18             return max;
19         }
20         max++;
21     }
22 }
23
```

Logs & others

Code::Blocks x Search results x Cccc x Build log x Build messages x CppCheck x

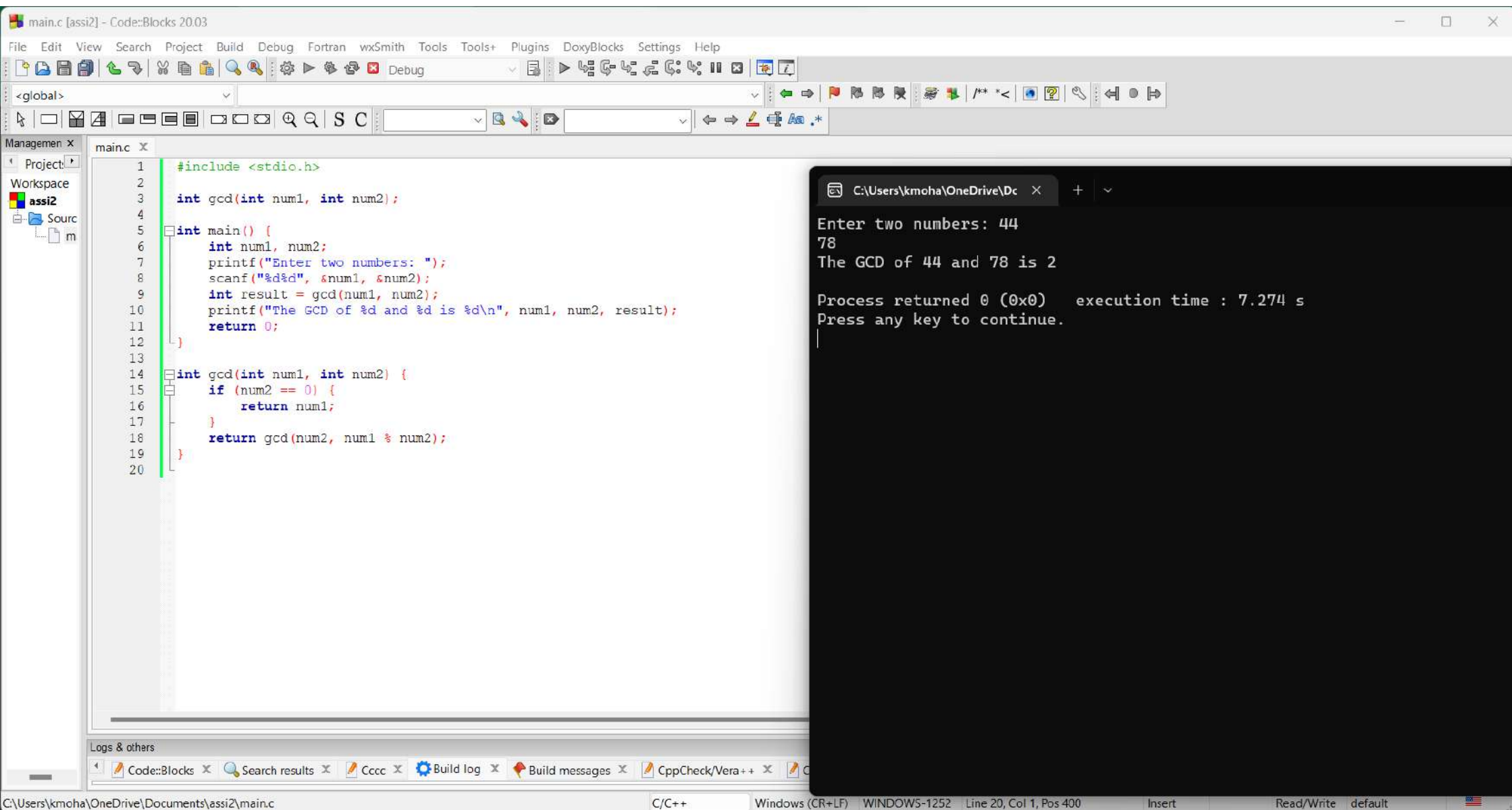
C:\Users\kmoha\OneDrive\Documents\assi2\main.c

C/C++ Windows (CR+LF) WINDOWS-1252 Line 23, Col 1, Pos 494 Insert Read/Write default

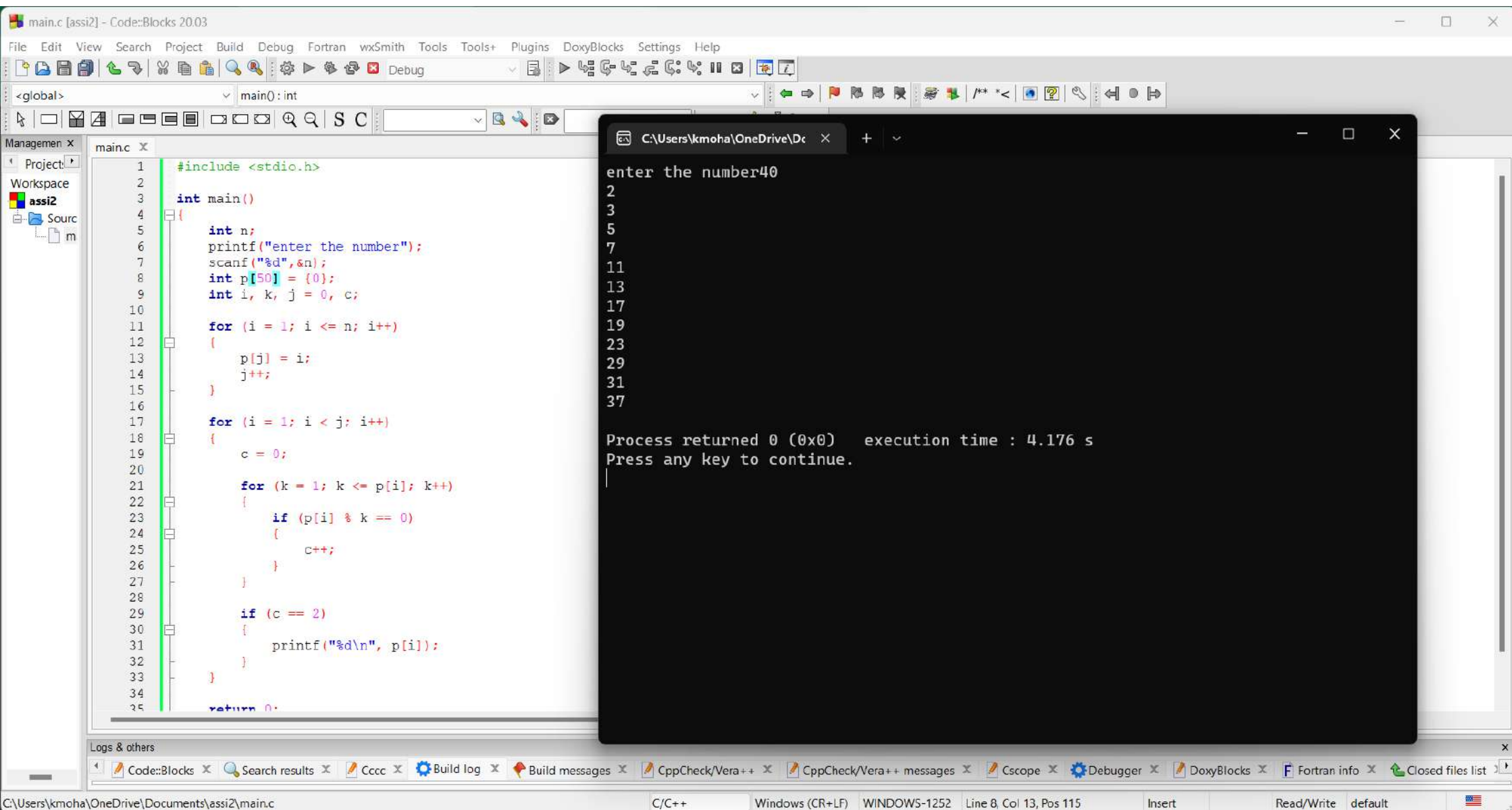
C:\Users\kmoha\OneDrive\Documents\assi2\main.c

Enter two numbers: 23  
46  
The LCM of 23 and 46 is 46

Process returned 0 (0x0) execution time : 13.160 s  
Press any key to continue.







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<global>

Managemen x

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assi2

Source

m

main.c x

```
1 #include <stdio.h>
2
3 int prime(int a);
4
5 int main()
6 {
7     int n = 34;
8     int i, j;
9
10    for (i = 1; i < n; i++)
11    {
12        for (j = 2; j <= n; j++)
13        {
14            if ((i + j == n) && (prime(i) == 1) && (prime(j) == 1))
15            {
16                printf("%d = %d + %d\n", n, i, j);
17            }
18        }
19    }
20
21    return 0;
22 }
23
24 int prime(int n)
25 {
26     int i, c = 0;
27
28     for (i = 1; i <= n / 2; i++)
29     {
30         if (n % i == 0)
31         {
32             c++;
33         }
34     }
35 }
```

34 = 3 + 31  
34 = 5 + 29  
34 = 11 + 23  
34 = 17 + 17  
34 = 23 + 11  
34 = 29 + 5  
34 = 31 + 3

Process returned 0 (0x0) execution time : 0.032 s  
Press any key to continue.

Logs & others

Code::Blocks x Search results x Cccc x Build log x Build messages x CppCheck/Vera++ x CppCheck/Vera++ messages x Cscope x Debugger x DoxyBlocks x Fortran info x Closed files list x

C:\Users\kmoha\OneDrive\Documents\assi2\main.c C/C++ Windows (CR+LF) WINDOWS-1252 Line 45, Col 1, Pos 639 Insert Read/Write default