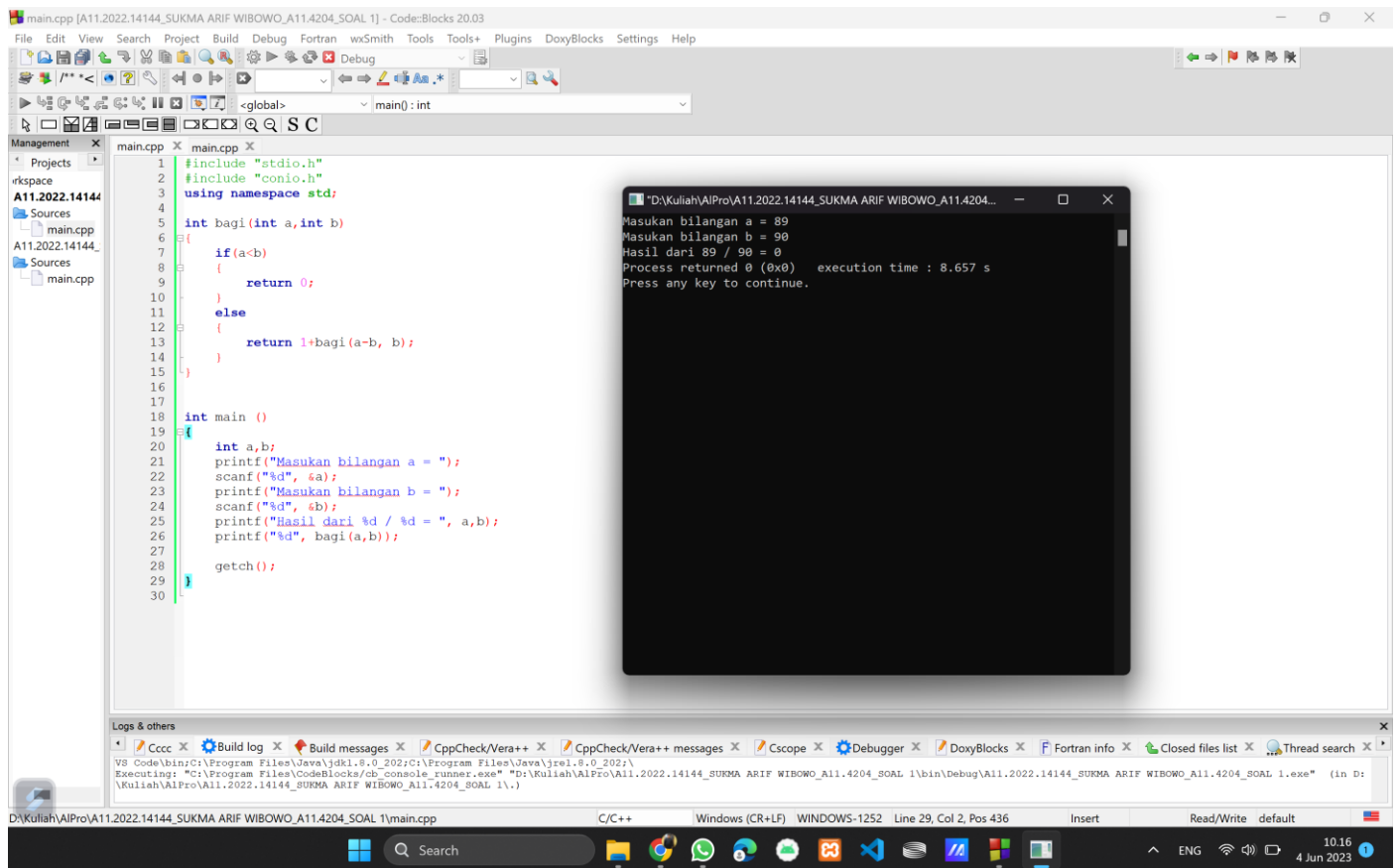


# CONTOH HASIL SCREENSHOT SOURCE CODE

## Soal No. 1 :



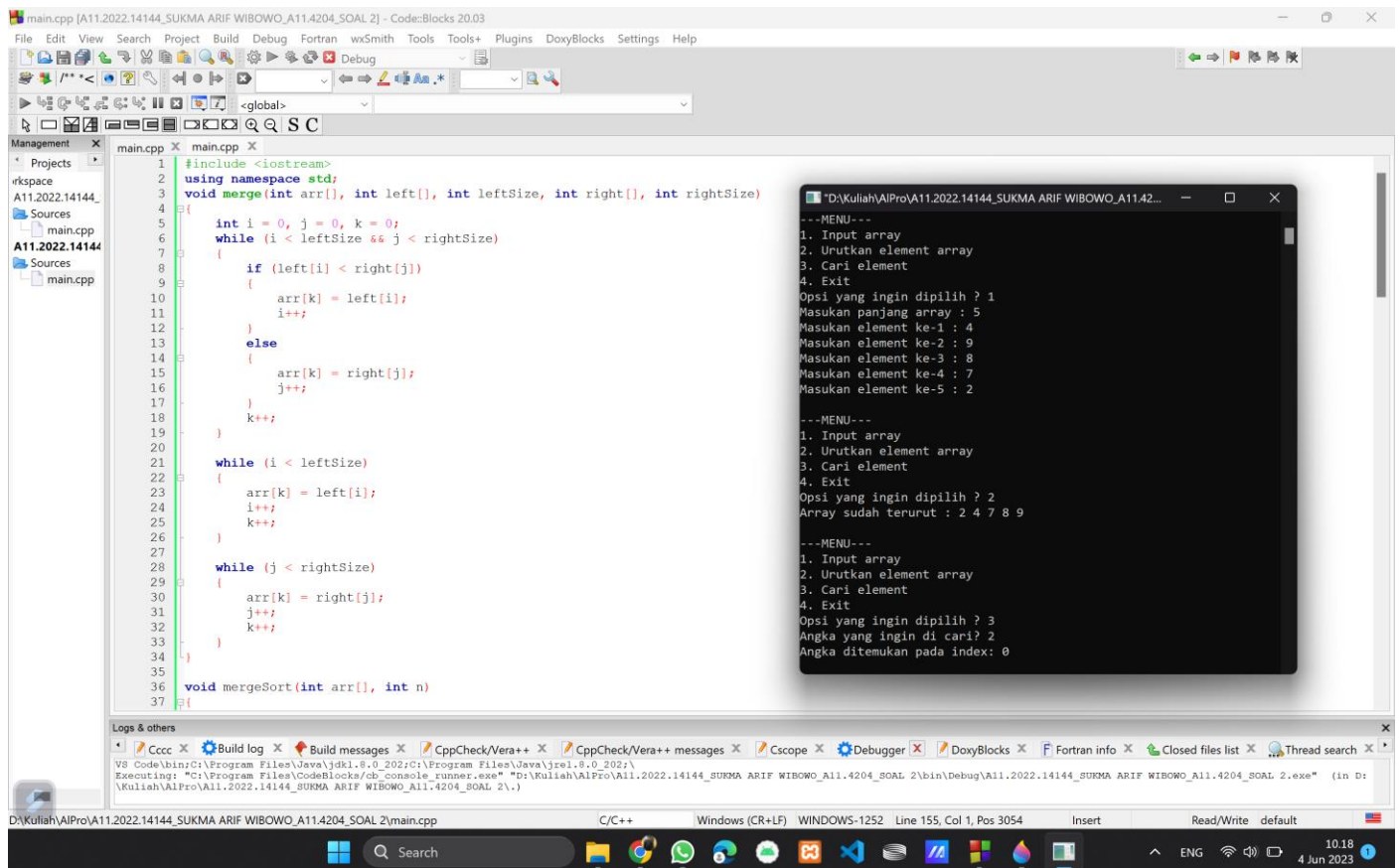
The screenshot shows the Code::Blocks IDE with a C++ project named 'A11.2022.14144\_SUKMA ARIF WIBOWO\_A11.4204\_SOAL 1'. The source code in 'main.cpp' is as follows:

```
1 #include "stdio.h"
2 #include "conio.h"
3 using namespace std;
4
5 int bagi (int a,int b)
6 {
7     if (a<b)
8     {
9         return 0;
10    }
11    else
12    {
13        return 1+bagi(a-b, b);
14    }
15 }
16
17 int main ()
18 {
19     int a,b;
20     printf("Masukan bilangan a = ");
21     scanf("%d", &a);
22     printf("Masukan bilangan b = ");
23     scanf("%d", &b);
24     printf("Hasil dari %d / %d = ", a,b);
25     printf("%d", bagi(a,b));
26
27     getch();
28 }
29
30
```

The execution output window shows the following text:

```
Masukan bilangan a = 89
Masukan bilangan b = 90
Hasil dari 89 / 90 = 0
Process returned 0 (0x0)    execution time : 8.657 s
Press any key to continue.
```

## Soal No. 2 :



The screenshot shows the Code::Blocks IDE with a C++ project named 'A11.2022.14144\_SUKMA ARIF WIBOWO\_A11.4204\_SOAL 2'. The source code in 'main.cpp' is as follows:

```
1 #include <iostream>
2 using namespace std;
3 void merge(int arr[], int left[], int leftSize, int right[], int rightSize)
4 {
5     int i = 0, j = 0, k = 0;
6     while (i < leftSize && j < rightSize)
7     {
8         if (left[i] < right[j])
9         {
10            arr[k] = left[i];
11            i++;
12        }
13        else
14        {
15            arr[k] = right[j];
16            j++;
17        }
18        k++;
19    }
20
21    while (i < leftSize)
22    {
23        arr[k] = left[i];
24        i++;
25        k++;
26    }
27
28    while (j < rightSize)
29    {
30        arr[k] = right[j];
31        j++;
32        k++;
33    }
34 }
35
36 void mergeSort(int arr[], int n)
37 {
38 }
39
```

The execution output window shows the following text:

```
---MENU---
1. Input array
2. Urutkan element array
3. Cari element
4. Exit
Opsi yang ingin dipilih ? 1
Masukan panjang array : 5
Masukan element ke-1 : 4
Masukan element ke-2 : 9
Masukan element ke-3 : 8
Masukan element ke-4 : 7
Masukan element ke-5 : 2

---MENU---
1. Input array
2. Urutkan element array
3. Cari element
4. Exit
Opsi yang ingin dipilih ? 2
Array sudah terurut : 2 4 7 8 9

---MENU---
1. Input array
2. Urutkan element array
3. Cari element
4. Exit
Opsi yang ingin dipilih ? 3
Angka yang ingin di cari? 2
Angka ditemukan pada index: 0
```