

main.c

```
1  #include <stdio.h>
2  #include <stdlib.h>
3
4  int main()
5  {
6      int days, years, weeks;
7      days = 1343;
8      years = (days / 365);
9      weeks = days/7;
10     printf("YEARS: %d\n", years);
11     printf("WEEKS: %d\n", weeks);
12     printf("DAYS: %d", days);
13
14     return 0;
15 }
16
```

Logs & others

Code::Blocks Search results Cccc Build log Build messages CppCheck/Ver++

----- Run: Debug in asson1 (compiler: GNU GCC Compiler)-----
Checking for existence: C:\Users\user\Desktop\C Programs\asson1\bin\Debug\asson1.exe
"C:\Users\user\Desktop\C Programs\ass

main.c [asson1] - Code::Blocks 17.12

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"C:\Users\user\Desktop\C Programs\asson1\bin\Debug\asson1.exe"

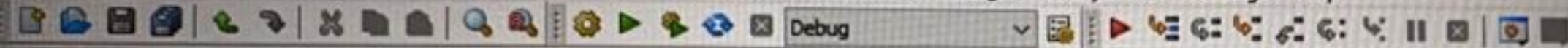
<global>
YEARS: 3

WEEKS: 191

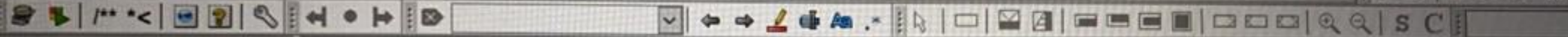
DAYS: 1343

Process returned 0 (0x0) execution time : 0.012 s

Press any key to continue.



<global> main0: int



Management

Projects Symbols Files

Workspace

- asson1
 - Sources
 - main.c
- asson2
 - Sources
 - main.c

```
main.c x main.c x
1  #include <stdio.h>
2  #include <stdlib.h>
3
4  int main()
5  {
6      float x1, y1, x2, y2, gdistance;
7      printf("Input x1: ");
8      scanf("%f", &x1);
9      printf("Input y1: ");
10     scanf("%f", &y1);
11         printf("Input x2: ");
12     scanf("%f", &x2);
13     printf("Input y2: ");
14     scanf("%f", &y2);
15     gdistance = ((x2-x1)*(x2-x1))+((y2-y1)*(y2-y1));
16     printf("Distance between the two point coordinates: %.4f", sqrt(gdistance));
17     printf("\n");
18     return 0;

```

Logs & others

Code::Blocks Search results Cccc Build log Build messages CppCheck/Vera++ CppCheck/Vera++ messages

File	Line	Message
		=== Build: Debug in asson2 (compiler: GNU GCC Compiler) ===
		In function 'main':
C:\Users\user\...	16	warning: implicit declaration of function 'sqrt' [-Wimplicit-function-declaration]
C:\Users\user\...	16	warning: incompatible implicit declaration of built-in function 'sqrt'
C:\Users\user\...	16	note: include '<math.h>' or provide a declaration of 'sqrt'

main.c [asson2] - Code::Blocks 17.12

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Debug

<global>

"C:\Users\user\Desktop\C Programs\asson2\bin\Debug\asson2.exe"

Input x1: 2

Input y1: 4

Input x2: 7

Input y2: 9

Distance between the two point coordinates: 7.0711

Process returned 0 (0x0) execution time : 5.709 s

Press any key to continue.

Management

Projects

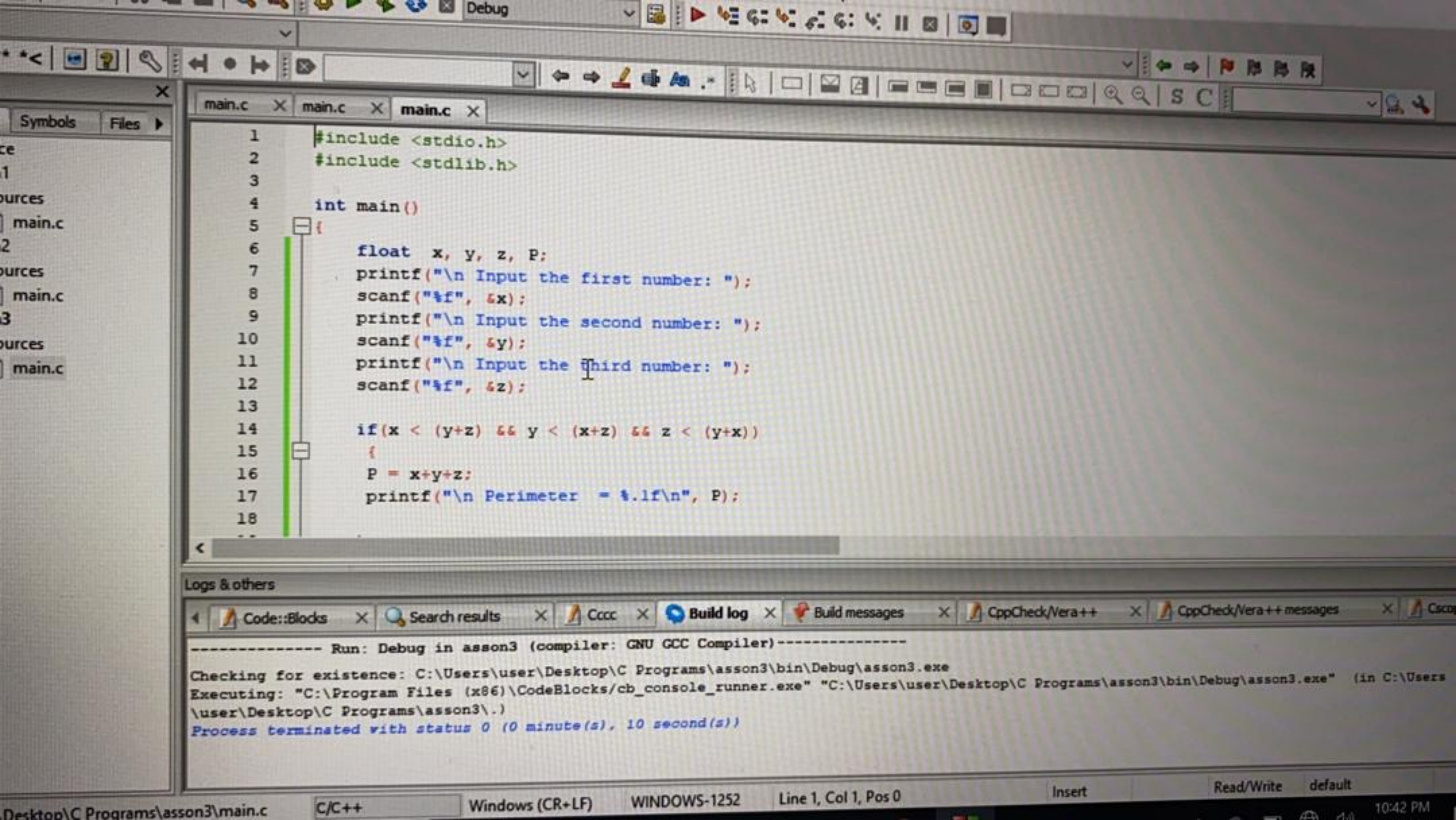
Workspace

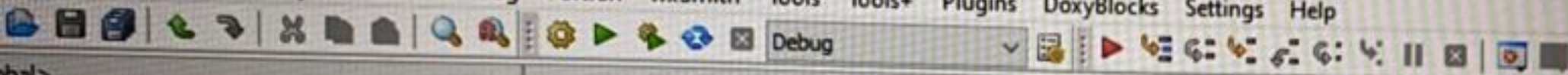
asson1

Sou

asson2

Sou





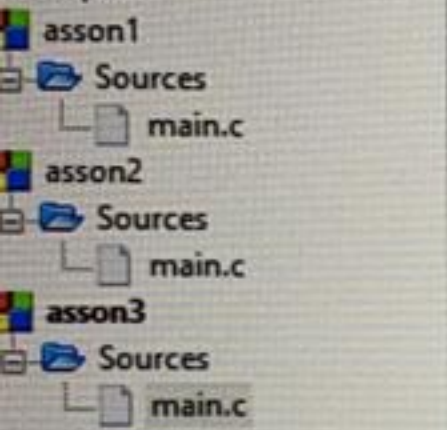
Global>



Management

Projects Symbols Files

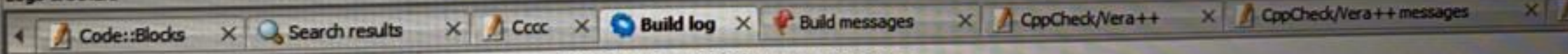
Workspace



main.c X main.c X main.c X

```
9 printf("\n Input the second number: ");
10 scanf("%f", &y);
11 printf("\n Input the third number: ");
12 scanf("%f", &z);
13
14 if(x < (y+z) && y < (x+z) && z < (y+x))
15 {
16     P = x+y+z;
17     printf("\n Perimeter = %.1f\n", P);
18
19 }
20 else
21 {
22     printf("Not possible to create a triangle..!");
23 }
24 return 0;
25 }
26
```

Logs & others



```
----- Run: Debug in asson3 (compiler: GNU GCC Compiler)-----
Checking for existence: C:\Users\user\Desktop\C Programs\asson3\bin\Debug\asson3.exe
Executing: "C:\Program Files (x86)\CodeBlocks\cb_console_runner.exe" "C:\Users\user\Desktop\C Programs\asson3\bin\Debug\asson3.exe" (in C:\Users\user\Desktop\C Programs\asson3\.)
Process terminated with status 0 (0 minute(s), 10 second(s))
```


File

"C:\Users\user\Desktop\C Programs\asson3\bin\Debug\asson3.exe"

Input the first number: 3

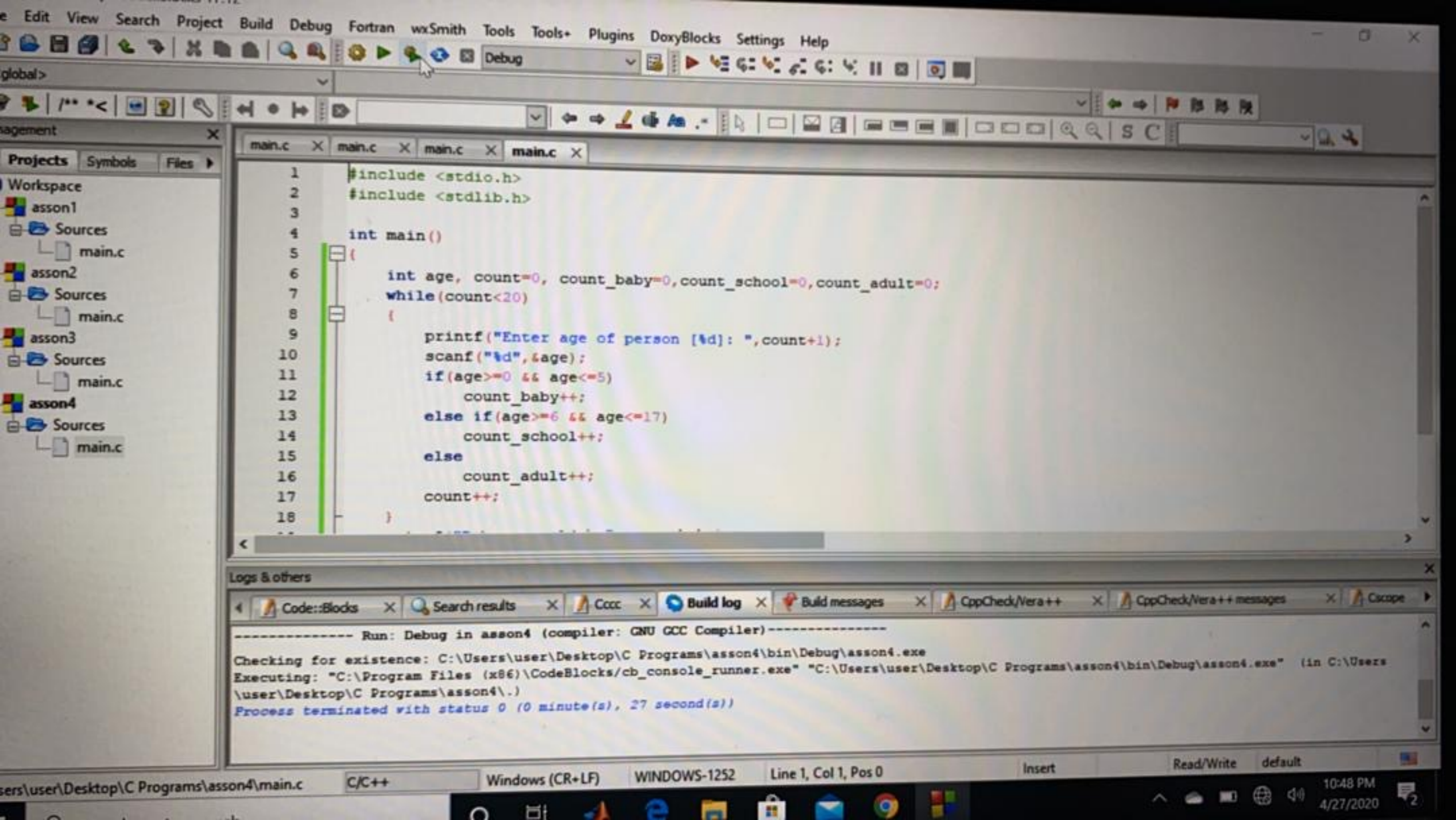
Input the second number: 5

Input the third number: 7

Perimeter = 15.0

Process returned 0 (0x0) execution time : 5.882 s

Press any key to continue.



main.c [asson4] - Code::Blocks 17.12

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<global>

Management

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- asson3
 - Sources
 - main.c
- asson4
 - Sources
 - main.c

```
7 while(count<20)
8   (
9     printf("Enter age of person [%d]: ",count+1);
10    scanf("%d",&age);
11    if(age>=0 && age<=5)
12      count_baby++;
13    else if(age>=6 && age<=17)
14      count_school++;
15    else
16      count_adult++;
17    count++;
18  }
19  printf("Baby age: %d \n",count_baby);
20  printf("School age: %d \n",count_school);
21  printf("Adult age: %d \n",count_adult);
22  return 0;
23 }
24
```

Logs & others

Code::Blocks Search results Cccc Build log Build messages CppCheck/Vera++ CppCheck/Vera++ messages Cscope

----- Run: Debug in asson4 (compiler: GNU GCC Compiler)-----

Checking for existence: C:\Users\user\Desktop\C Programs\asson4\bin\Debug\asson4.exe

Executing: "C:\Program Files (x86)\CodeBlocks\cb_console_runner.exe" "C:\Users\user\Desktop\C Programs\asson4\bin\Debug\asson4.exe" (in C:\Users\user\Desktop\C Programs\asson4\.)

Process terminated with status 0 (0 minute(s), 27 second(s))

C:\Users\user\Desktop\C Programs\asson4\main.c C/C++ Windows (CR+LF) WINDOWS-1252 Line 24, Col 1, Pos 489 Insert Read/Write default

10:48 PM 4/27/2020

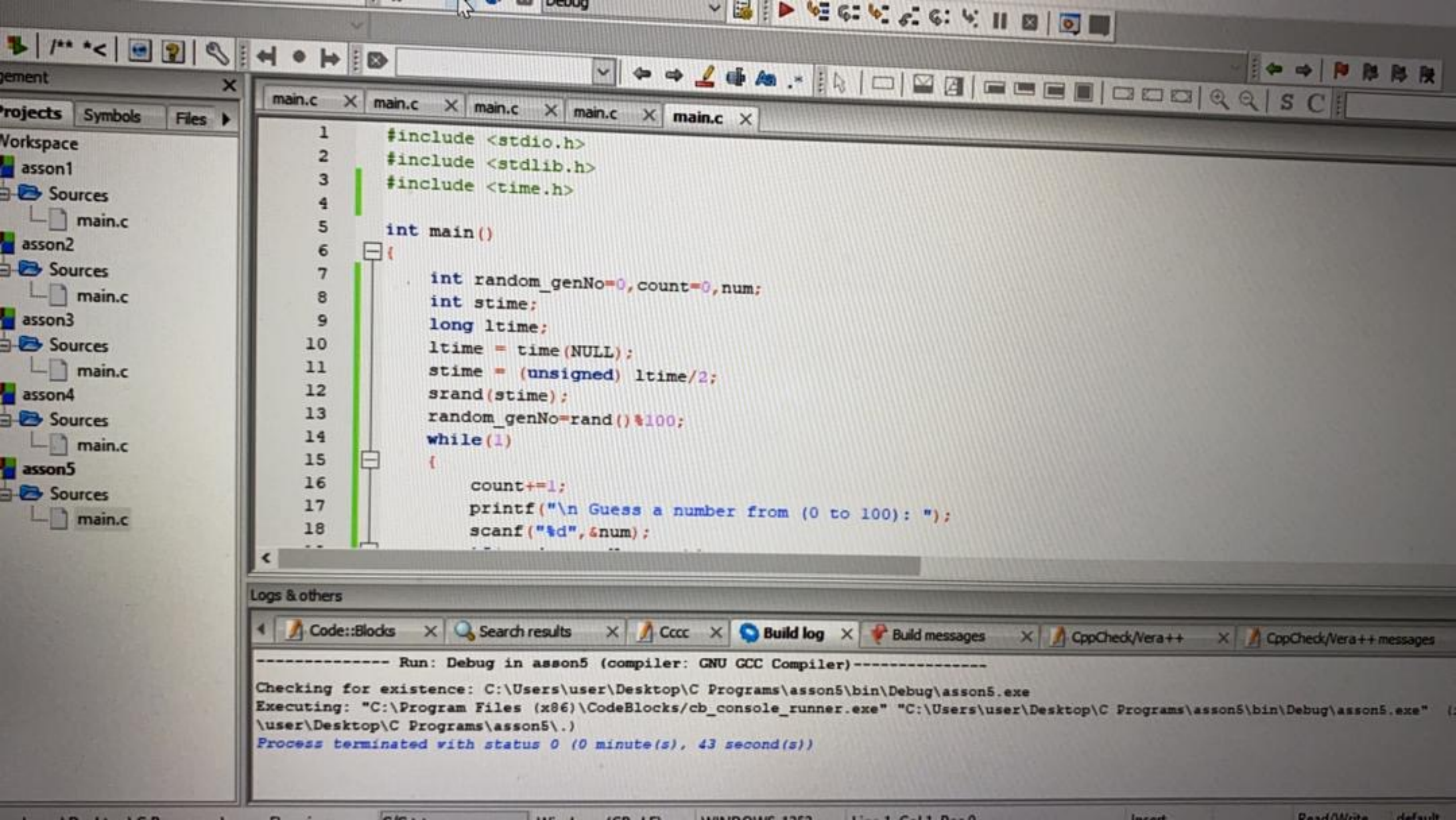
Projects Symbols

Workspace

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 - main.c
- asson3
 - Sources
 - main.c
- asson4
 - Sources
 - main.c

```
Enter age of person [1]: 1
Enter age of person [2]: 3
Enter age of person [3]: 5
Enter age of person [4]: 7
Enter age of person [5]: 9
Enter age of person [6]: 11
Enter age of person [7]: 13
Enter age of person [8]: 15
Enter age of person [9]: 17
Enter age of person [10]: 19
Enter age of person [11]: 20
Enter age of person [12]: 22
Enter age of person [13]: 1
Enter age of person [14]: 21
Enter age of person [15]: 2
Enter age of person [16]: 24
Enter age of person [17]: 25
Enter age of person [18]: 23
Enter age of person [19]: 15
Enter age of person [20]: 17
Baby age: 5
School age: 8
Adult age: 7
```

```
Process returned 0 (0x0)   execution time : 28.289 s
Press any key to continue.
```

Projects Symbols Files

Workspace

- asson1
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 - Sources
 - main.c
- asson3
 - Sources
 - main.c
- asson4
 - Sources
 - main.c
- asson5
 - Sources
 - main.c

```

1  #include <stdio.h>
2  #include <stdlib.h>
3  #include <time.h>
4
5  int main()
6  {
7      int random_genNo=0, count=0, num;
8      int stime;
9      long ltime;
10     ltime = time(NULL);
11     stime = (unsigned) ltime/2;
12     srand(stime);
13     random_genNo=rand()%100;
14     while(1)
15     {
16         count++;
17         printf("\n Guess a number from (0 to 100): ");
18         scanf("%d",&num);

```

Logs & others

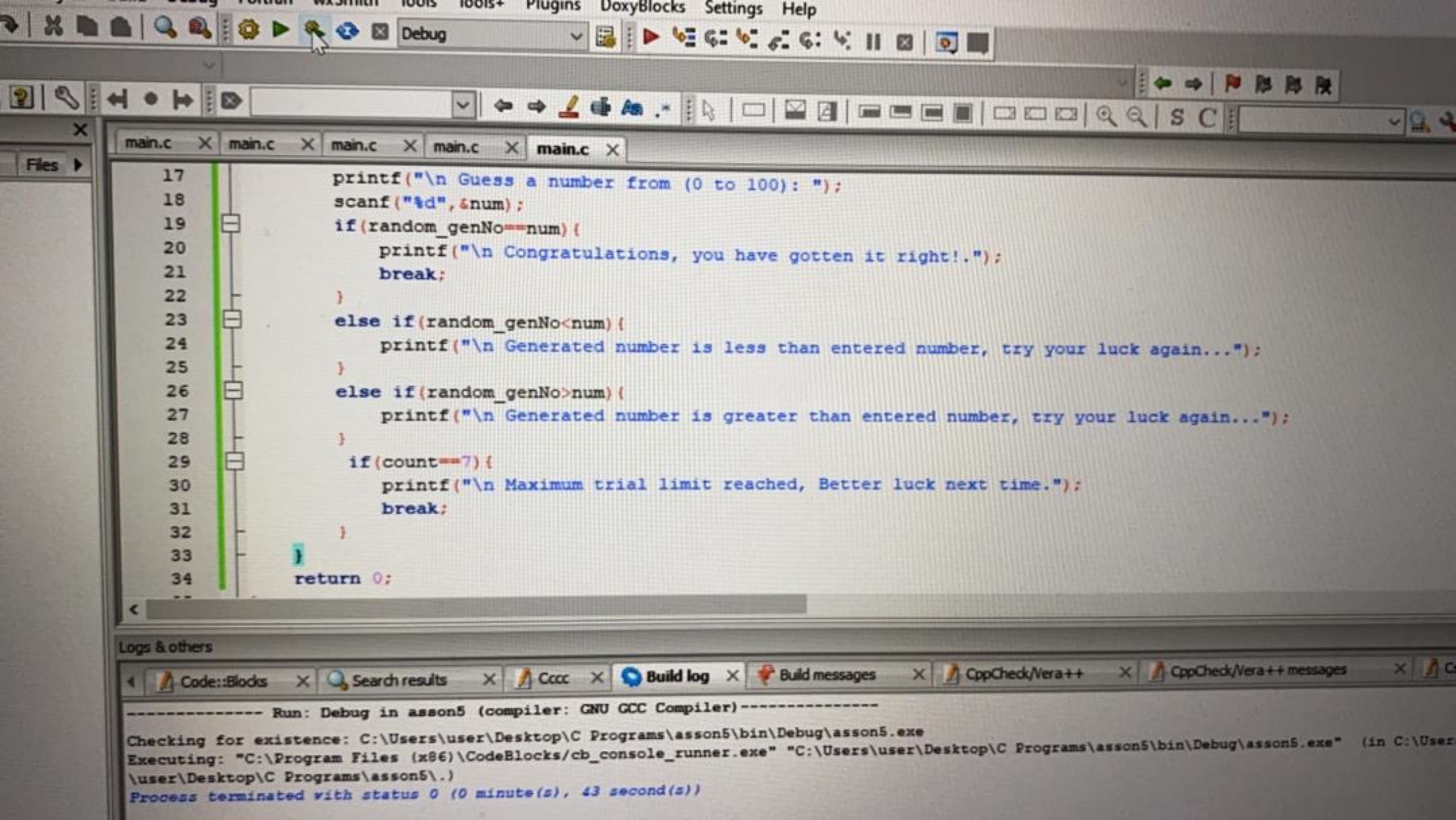
Code::Blocks Search results Cccc Build log Build messages CppCheck/Vera++ CppCheck/Vera++ messages

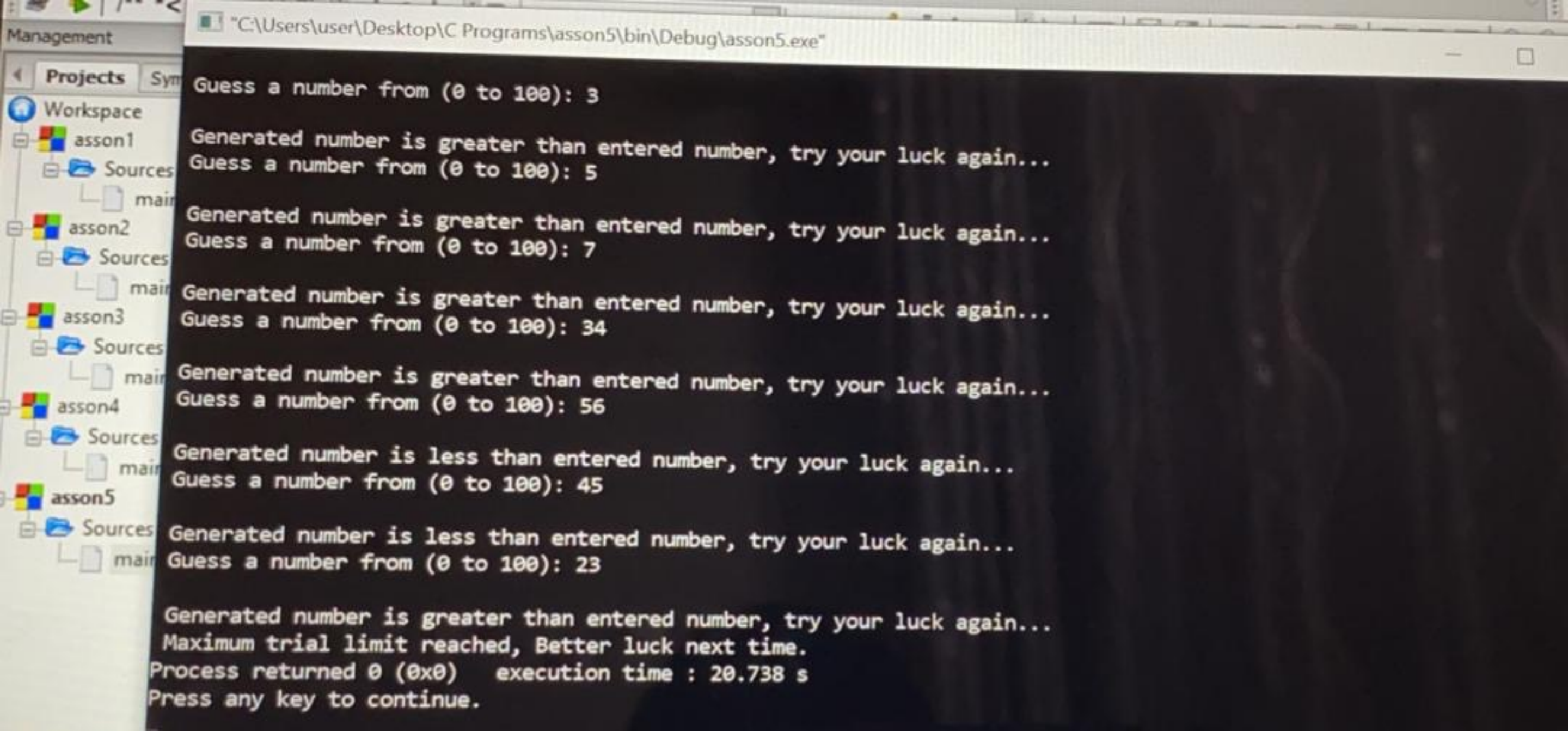
----- Run: Debug in asson5 (compiler: GNU GCC Compiler)-----

Checking for existence: C:\Users\user\Desktop\C Programs\asson5\bin\Debug\asson5.exe

Executing: "C:\Program Files (x86)\CodeBlocks\cb_console_runner.exe" "C:\Users\user\Desktop\C Programs\asson5\bin\Debug\asson5.exe" (C:\Users\user\Desktop\C Programs\asson5\.)

Process terminated with status 0 (0 minute(s), 43 second(s))





Guess a number from (0 to 100): 3

Generated number is greater than entered number, try your luck again...

Guess a number from (0 to 100): 5

Generated number is greater than entered number, try your luck again...

Guess a number from (0 to 100): 7

Generated number is greater than entered number, try your luck again...

Guess a number from (0 to 100): 34

Generated number is greater than entered number, try your luck again...

Guess a number from (0 to 100): 56

Generated number is less than entered number, try your luck again...

Guess a number from (0 to 100): 45

Generated number is less than entered number, try your luck again...

Guess a number from (0 to 100): 23

Generated number is greater than entered number, try your luck again...

Maximum trial limit reached, Better luck next time.

Process returned 0 (0x0) execution time : 20.738 s

Press any key to continue.