File   Edit   View   Search   Project   Build   Debug   Fortran   wxSmith   Tools   Tools+   Plugins   DoxyBlocks   Settings   Help

`<global>`   main() : int

Management

Projects   Symbols   Files

Workspace

Start here   main.c

```c
1       #include <stdio.h>
2       #include <stdlib.h>
3
4       int main()
5       {
6           int   years , weeks ,days;
7           days=1343;
8       //converts days to years,weeks and days
9
10          years=days/365;
11          weeks=(days % 365)/7;
12          days=(days%365)%7;
13          printf("years:%d\n",years);
14          printf("weeks:%d\n",weeks);
15          printf("days:%d\n",days);
16      return 0;
17      }
18
```

Logs & others

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

File   Line   Message
                === Build file: "no target" in "no project" (compiler: unknown) ===
                === Build finished: 0 error(s), 0 warning(s) (0 minute(s), 0 second(s)) ===
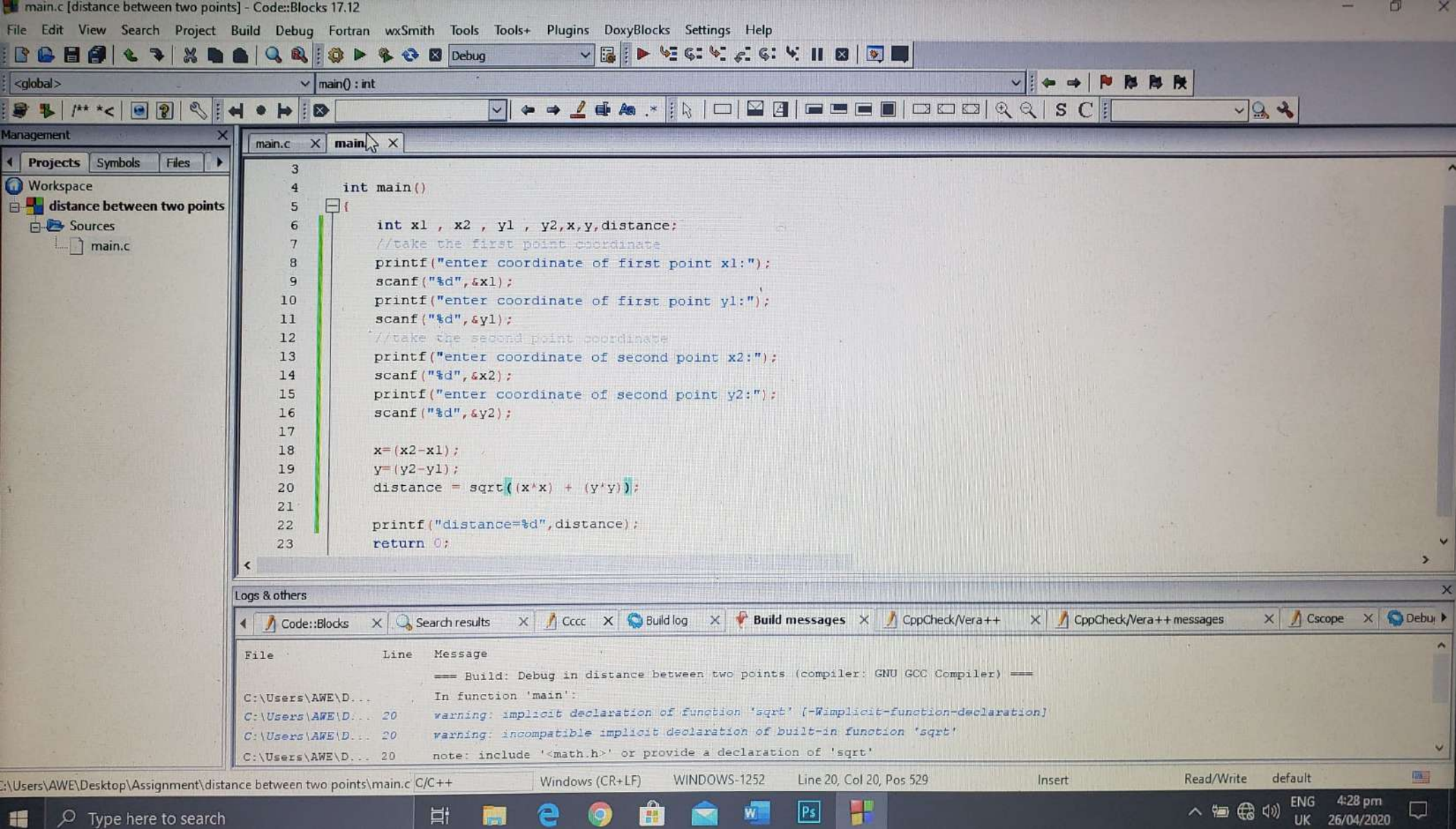
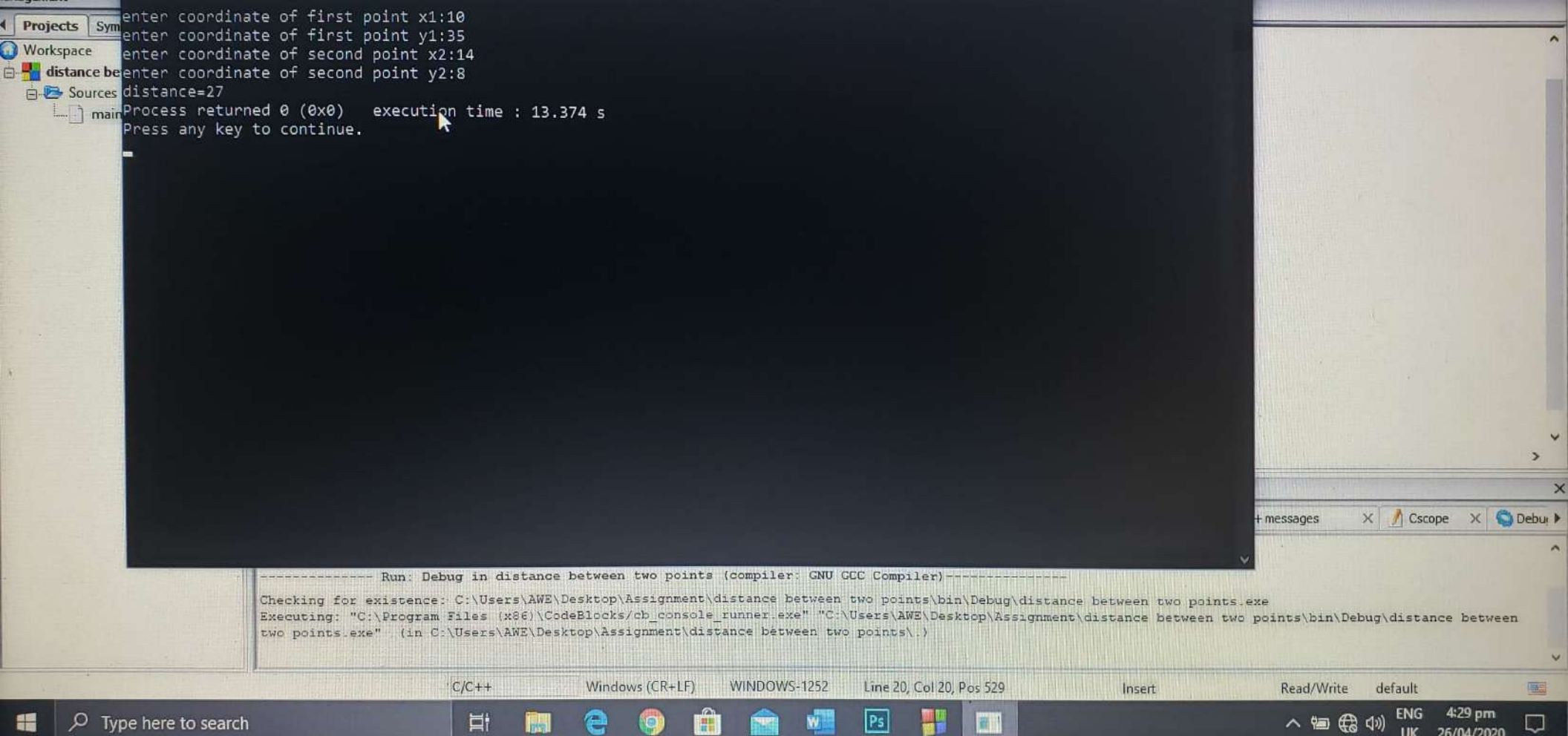Users\AWE\Desktop\Assignment\days week\main.c   C/C++   Windows (CR+LF)   WINDOWS-1252   Line 7, Col 14, Pos 103   Insert   Read/Write   default

Type here to search   ENG   3:58 pm   UK   26/04/2020

```
years:3
weeks:35
days:3

Process returned 0 (0x0)   execution time : 0.063 s
Press any key to continue.
```

File   Edit   View   Search   Project   Build   Debug   Fortran   wxSmith   Tools   Tools+   Plugins   DoxyBlocks   Settings   Help

Debug

`<global>`   main() : int

main.c   ✕   main.   ✕

```
 3
 4        int main()
 5        {
 6            int x1 , x2 , y1 , y2,x,y,distance;
 7            //take the first point coordinate
 8            printf("enter coordinate of first point x1:");
 9            scanf("%d",&x1);
10            printf("enter coordinate of first point y1:");
11            scanf("%d",&y1);
12            //take the second point coordinate
13            printf("enter coordinate of second point x2:");
14            scanf("%d",&x2);
15            printf("enter coordinate of second point y2:");
16            scanf("%d",&y2);
17
18            x=(x2-x1);
19            y=(y2-y1);
20            distance = sqrt((x*x) + (y*y));
21
22            printf("distance=%d",distance);
23            return 0;
```

Logs & others

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

File	Line	Message
		=== Build: Debug in distance between two points (compiler: GNU GCC Compiler) ===
		In function 'main':
C:\Users\AWE\D...	20	warning: implicit declaration of function 'sqrt' [-Wimplicit-function-declaration]
C:\Users\AWE\D...	20	warning: incompatible implicit declaration of built-in function 'sqrt'
C:\Users\AWE\D...	20	note: include '<math.h>' or provide a declaration of 'sqrt'

C:\Users\AWE\Desktop\Assignment\distance between two points\main.c   C/C++   Windows (CR+LF)   WINDOWS-1252   Line 20, Col 20, Pos 529   Insert   Read/Write   default

Type here to search   ENG   4:28 pm
                                                                                                 UK   26/04/2020
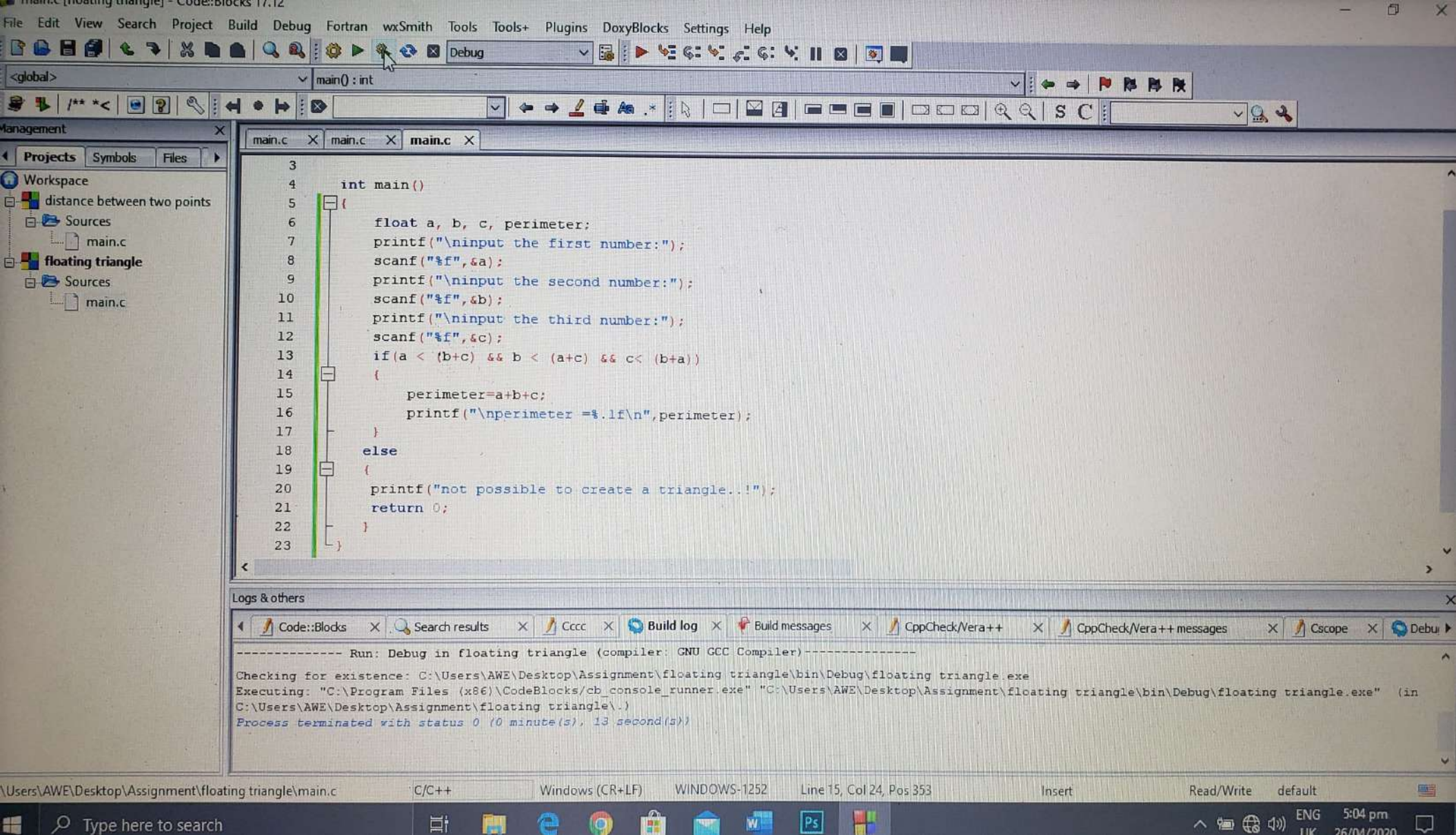
Workspace

distance be

Sources

main

```
enter coordinate of first point x1:10
enter coordinate of first point y1:35
enter coordinate of second point x2:14
enter coordinate of second point y2:8
distance=27

Process returned 0 (0x0)   execution time : 13.374 s
Press any key to continue.
```

---------------- Run: Debug in distance between two points (compiler: GNU GCC Compiler)----------------

Checking for existence: C:\Users\AWE\Desktop\Assignment\distance between two points\bin\Debug\distance between two points.exe
Executing: "C:\Program Files (x86)\CodeBlocks/cb_console_runner.exe" "C:\Users\AWE\Desktop\Assignment\distance between two points\bin\Debug\distance between
two points.exe" (in C:\Users\AWE\Desktop\Assignment\distance between two points\.)

+ messages   ×   Cscope   ×   Debu ▶

C/C++   Windows (CR+LF)   WINDOWS-1252   Line 20, Col 20, Pos 529   Insert   Read/Write   default

Type here to search

File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

`<global>` main() : int

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

```
 3
 4      int main()
 5      {
 6          float a, b, c, perimeter;
 7          printf("\ninput the first number:");
 8          scanf("%f",&a);
 9          printf("\ninput the second number:");
10          scanf("%f",&b);
11          printf("\ninput the third number:");
12          scanf("%f",&c);
13          if(a < (b+c) && b < (a+c) && c< (b+a))
14          {
15              perimeter=a+b+c;
16              printf("\nperimeter =%.1f\n",perimeter);
17          }
18          else
19          {
20          printf("not possible to create a triangle..!");
21          return 0;
22          }
23      }
```

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 Debu

```
--------------- Run: Debug in floating triangle (compiler: GNU GCC Compiler)---------------

Checking for existence: C:\Users\AWE\Desktop\Assignment\floating triangle\bin\Debug\floating triangle.exe
Executing: "C:\Program Files (x86)\CodeBlocks\cb_console_runner.exe" "C:\Users\AWE\Desktop\Assignment\floating triangle\bin\Debug\floating triangle.exe"  (in
C:\Users\AWE\Desktop\Assignment\floating triangle\.)
Process terminated with status 0 (0 minute(s), 13 second(s))
```

\Users\AWE\Desktop\Assignment\floating triangle\main.c   C/C++   Windows (CR+LF)   WINDOWS-1252   Line 15, Col 24, Pos 353   Insert   Read/Write   default

```
input the first number:5

input the second number:3

input the third number:7

perimeter =15.0

Process returned 0 (0x0)   execution time : 8.360 s
Press any key to continue.
```

Debug

main() : int
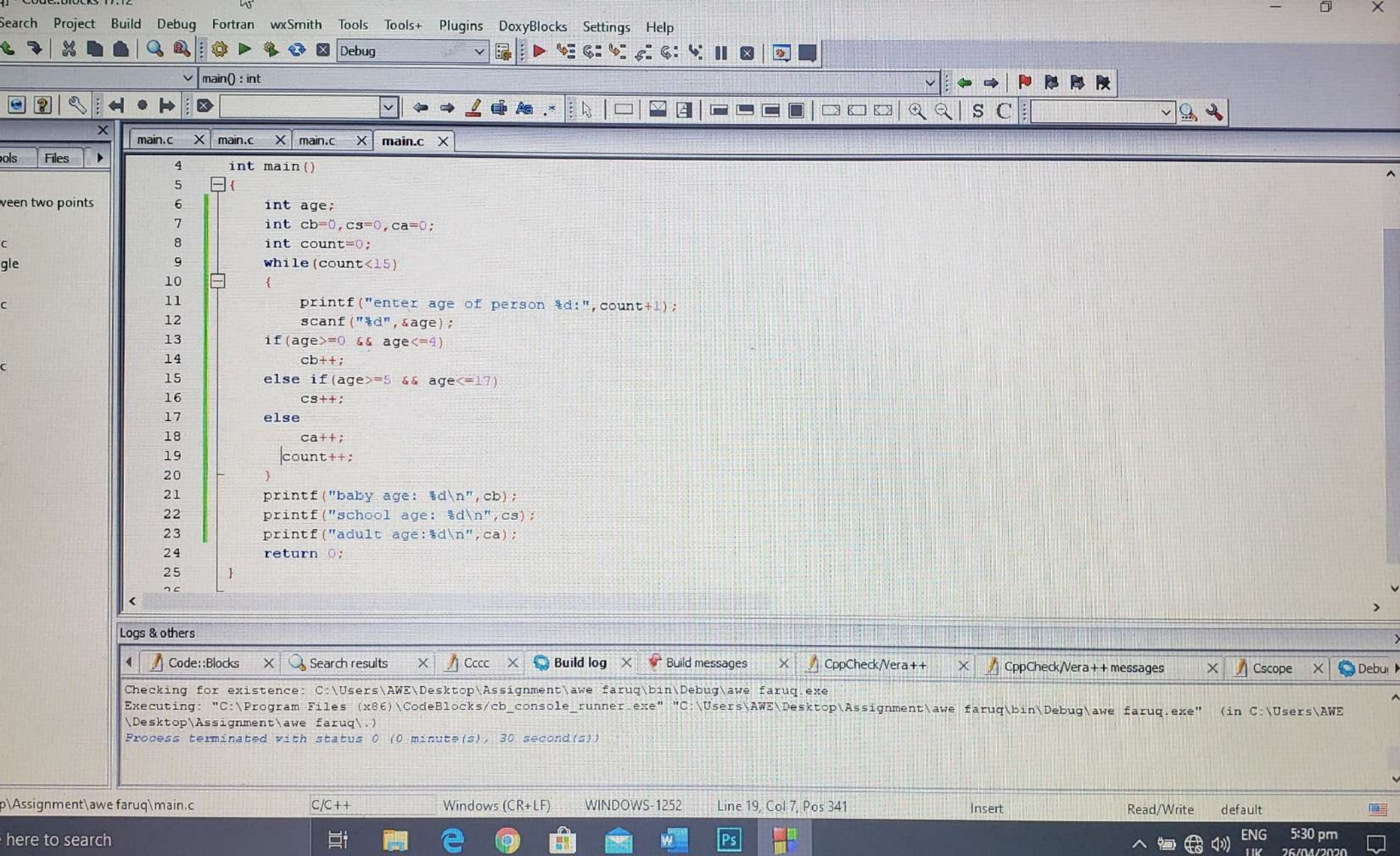
```
 4          int main()
 5          {
 6              int age;
 7              int cb=0,cs=0,ca=0;
 8              int count=0;
 9              while(count<15)
10              {
11                  printf("enter age of person %d:",count+1);
12                  scanf("%d",&age);
13              if(age>=0 && age<=4)
14                  cb++;
15              else if(age>=5 && age<=17)
16                  cs++;
17              else
18                  ca++;
19              count++;
20              }
21              printf("baby age: %d\n",cb);
22              printf("school age: %d\n",cs);
23              printf("adult age:%d\n",ca);
24              return 0;
25          }
26
```

Logs & others

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

```
Checking for existence: C:\Users\AWE\Desktop\Assignment\awe faruq\bin\Debug\awe faruq.exe
Executing: "C:\Program Files (x86)\CodeBlocks/cb_console_runner.exe" "C:\Users\AWE\Desktop\Assignment\awe faruq\bin\Debug\awe faruq.exe"   (in C:\Users\AWE
\Desktop\Assignment\awe faruq\.)
Process terminated with status 0 (0 minute(s), 30 second(s))
```

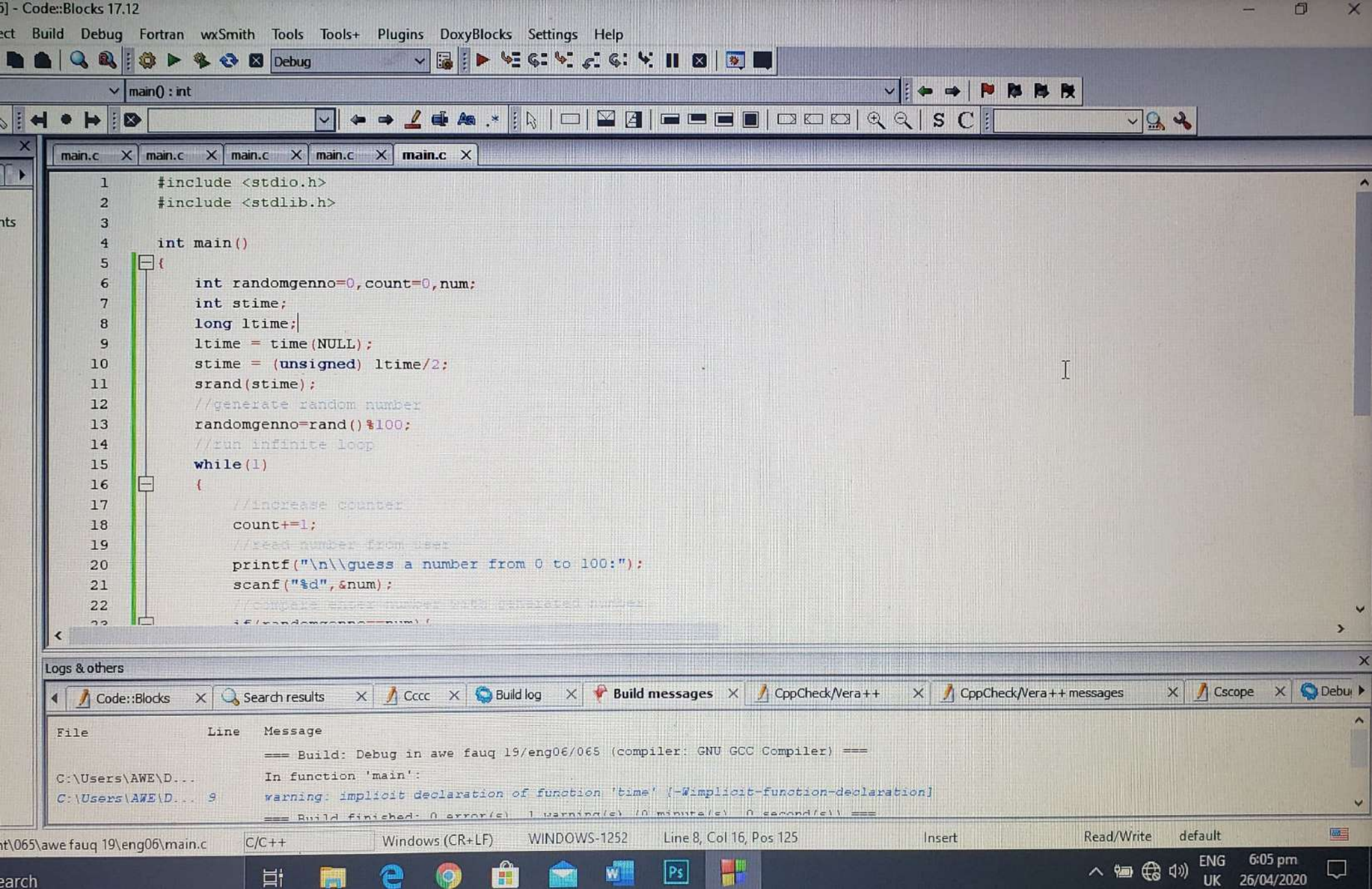p\Assignment\awe faruq\main.c   C/C++   Windows (CR+LF)   WINDOWS-1252   Line 19, Col 7, Pos 341   Insert   Read/Write   default
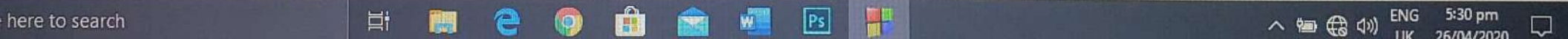
```
enter age of person 1:0
enter age of person 2:1
enter age of person 3:2
enter age of person 4:55
enter age of person 5:66
enter age of person 6:3
enter age of person 7:4
enter age of person 8:8
enter age of person 9:65
enter age of person 10:45
enter age of person 11:7
enter age of person 12:9
enter age of person 13:2
enter age of person 14:40
enter age of person 15:2
baby age: 7
school age: 3
adult age:5

Process returned 0 (0x0)    execution time : 23.019 s
Press any key to continue.
```

ect   Build   Debug   Fortran   wxSmith   Tools   Tools+   Plugins   DoxyBlocks   Settings   Help

main() : int

main.c ×   main.c ×   main.c ×   main.c ×   main.c ×

```c
1        #include <stdio.h>
2        #include <stdlib.h>
3
4        int main()
5        {
6            int randomgenno=0,count=0,num;
7            int stime;
8            long ltime;
9            ltime = time(NULL);
10           stime = (unsigned) ltime/2;
11           srand(stime);
12           //generate random number
13           randomgenno=rand()%100;
14           //run infinite loop
15           while(1)
16           {
17               //increase counter
18               count+=1;
19               //read number from user
20               printf("\n\\guess a number from 0 to 100:");
21               scanf("%d",&num);
22               //compare enter number with generated number
23               if(randomgenno==num){
```

Logs & others

◄ | Code::Blocks × | Search results × | Cccc × | Build log × | Build messages × | CppCheck/Vera++ × | CppCheck/Vera++ messages × | Cscope × | Debu ►

File	Line	Message
		=== Build: Debug in awe fauq 19/eng06/065 (compiler: GNU GCC Compiler) ===
C:\Users\AWE\D...		In function 'main':
C:\Users\AWE\D...	9	warning: implicit declaration of function 'time' [-Wimplicit-function-declaration]
		=== Build finished: 0 error(s), 1 warning(s) (0 minute(s), 0 second(s)) ===

nt\065\awe fauq 19\eng06\main.c   C/C++   Windows (CR+LF)   WINDOWS-1252   Line 8, Col 16, Pos 125   Insert   Read/Write   default

earch

ENG   6:05 pm
UK   26/04/2020

main() : int

```
19              //read number from user
20              printf("\n\\guess a number from 0 to 100:");
21              scanf("%d",&num);
22              //compare enter number with generated number
23              if(randomgenno==num){
24                      printf("congratulations, you have guessed a correct number.");
25              break;
26              }
27          else if(randomgenno<num){
28              printf("generated number is less than entered number, try your luck again,");
29              }
30          else if(randomgenno>num){
31              printf("generated number is greater than entered number, try your luck again, ");
32              }
33          if(count==7){
34              printf("\n\n###maximum limit of attempt finished !!!\n");
35              break;
36              }
37              }
38          return 0;
39          }
40
```

Logs & others

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

File	Line	Message
		=== Build: Debug in awe fauq 19/eng06/065 (compiler: GNU GCC Compiler) ===
C:\Users\AWE\D...		In function 'main':
C:\Users\AWE\D...	9	warning: implicit declaration of function 'time' [-Wimplicit-function-declaration]
		=== Build finished: 0 error(s), 1 warning(s) (0 minute(s), 0 second(s)) ===

ent\065\awe fauq 19\eng06\main.c   C/C++   Windows (CR+LF)   WINDOWS-1252   Line 8, Col 16, Pos 125   Insert   Read/Write   default

\guess a number from 0 to 100:99
generated number is less than entered number, try your luck again,
\guess a number from 0 to 100:67
generated number is less than entered number, try your luck again,
\guess a number from 0 to 100:12
generated number is greater than entered number, try your luck again,
\guess a number from 0 to 100:43
generated number is less than entered number, try your luck again,
\guess a number from 0 to 100:67
generated number is less than entered number, try your luck again,
\guess a number from 0 to 100:54
generated number is less than entered number, try your luck again,
\guess a number from 0 to 100:0
generated number is greater than entered number, try your luck again,

###maximum limit of attempt finished !!!

Process returned 0 (0x0)   execution time : 14.559 s
Press any key to continue.

C/C++   Windows (CR+LF)   WINDOWS-1252   Line 8, Col 16, Pos 125   Insert