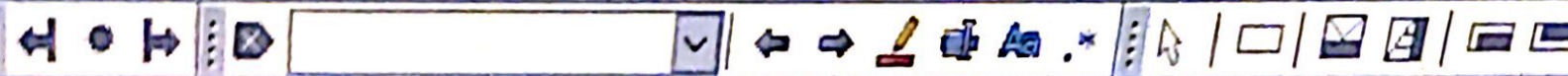


Code::Blocks 17.12

Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help



man() : int



main.c X

```
4   int main()
5   {
6       int days, years, weeks;
7
8       /* Input total number of days from user */
9       printf("Enter days: ");
10      scanf("%d", &days);
11
12      /* Conversion */
13      years = (days / 365); // Ignoring leap year
14      weeks = (days % 365) / 7;
15      days = days - ((years * 365) + (weeks * 7));
16
17      /* Print all resultant values */
18      printf("YEARS: %d\n", years);
19      printf("WEEKS: %d\n", weeks);
20      printf("DAYS: %d", days);
21
22      return 0;
23  }
24
```

Logs & others

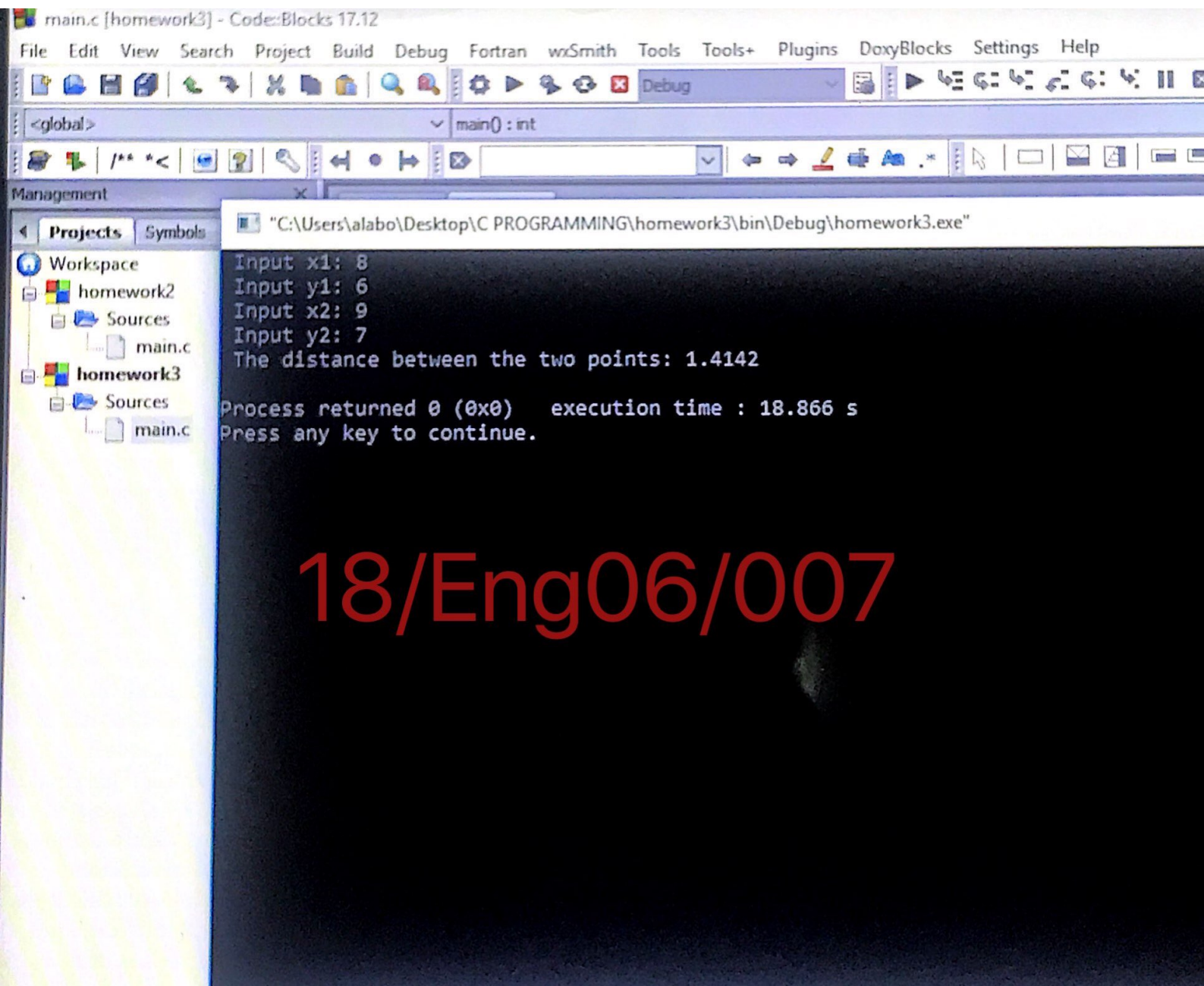
Code::Blocks X Search results X Cccc X Build log X Build messages X CppCheck/

```
----- Run: Debug in ASSIGNMENT FOLDER (compiler: GNU GCC Compiler)-----
Checking for existence: C:\Users\alabo\Desktop\C PROGRAMMING\ASSIGNMENT FOLDER\bin\Debug\ASSIGNM
Executing: "C:\Program Files (x86)\CodeBlocks\cb_console_runner.exe" "C:\Users\alabo\Desktop\C F
(in C:\Users\alabo\Desktop\C PROGRAMMING\ASSIGNMENT FOLDER\.)
```

```
Enter days: 1343  
YEARS: 3  
WEEKS: 35  
DAYS: 3  
Process returned 0 (0x0)   execution time : 3.604 s  
Press any key to continue.
```

# 18/Eng06/007

```
1  #include <stdio.h>
2  #include <stdlib.h>
3
4  int main()
5  {
6      float x1, y1, x2, y2, mydistance;
7      printf(" Input x1: ");
8      scanf("%f", &x1);
9      printf(" Input y1: ");
10     scanf("%f", &y1);
11
12     printf(" Input x2: ");
13     scanf("%f", &x2);
14     printf(" Input y2: ");
15     scanf("%f", &y2);
16     mydistance = ((x2-x1)*(x2-x1))+((y2-y1)*(y2-y1));
17     printf(" The distance between the two points: %.4f", sqrt(mydistance));
18     printf("\n");
19
20     return 0;
21 }
```



```
----- Run: Debug in homework4 (compiler: GNU GCC Compiler)-----  
for existence: C:\Users\alabo\Desktop\C PROGRAMMING\homework4\bin\Debug\homework4.exe
```

18/Eng06/007

```
2 #include <stdlib.h>  
3  
4 int main()  
5 {  
6     int age;  
7     int cnt_baby=0, cnt_school=0, cnt_adult=0;  
8     int count=0;  
9  
10    while(count<20)  
11    {  
12        printf("Enter the age of the person [%d]: ", count+1);  
13        scanf("%d", &age);  
14  
15        if(age>=0 && age<=4)  
16            cnt_baby++;  
17        else if(age>=5 && age<=17)  
18            cnt_school++;  
19        else  
20            cnt_adult++;  
21  
22        //increase counter  
23    }  
24 }
```

```
Debug
main.c X main.c X
printf("Enter the age of the person [%d]: ", count+1);
scanf("%d", &age);

if(age>=0 && age<=4)
    cnt_baby++;
else if(age>=5 && age<=17)
    cnt_school++;
else
    cnt_adult++;

//increase counter
count++;
}

printf(" The baby age: %d\n", cnt_baby);
printf(" The school age: %d\n", cnt_school);
printf(" The adult age: %d\n", cnt_adult);

return 0;
}
```

18/Eng06/007

```
main.c [homework4] - Code::Blocks 17.12
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
<global>
main.c x main.c x main.c x
Projects Symbols Files
Workspace
homework2
Sources
main.c
homework3
Sources
main.c
homework4
Sources
main.c
"C:\Users\alabo\Desktop\C PROGRAMMING\homework4\bin\Debug\homework4.exe"
Enter the age of the person [1]: 12
Enter the age of the person [2]: 15
Enter the age of the person [3]: 20
Enter the age of the person [4]: 15
Enter the age of the person [5]: 7
Enter the age of the person [6]: 9
Enter the age of the person [7]: 16
Enter the age of the person [8]: 13
Enter the age of the person [9]: 6
Enter the age of the person [10]: 5
Enter the age of the person [11]: 19
Enter the age of the person [12]: 4
Enter the age of the person [13]: 18
Enter the age of the person [14]: 3
Enter the age of the person [15]: 17
Enter the age of the person [16]: 14
Enter the age of the person [17]: 11
Enter the age of the person [18]: 8
Enter the age of the person [19]: 34
Enter the age of the person [20]: 25
The baby age: 2
The school age: 13
The adult age: 5
Process returned 0 (0x0) execution time : 179.023 s
Press any key to continue.
```

18/Eng06/007

```
main() : int
main.c X main.c X main.c X
#include <stdlib.h>
int main()
{
    int random_genNo=0, count=0, num;
    int stime;
    long vtime;

    //initialise srand with current time, to get random number on every run
    vtime = time(NULL);
    stime = (unsigned) vtime/2;
    srand(stime);

    //generate random number
    random_genNo=rand()%1000;

    //run infinite loop
    while(1)
    {
        //increase counter
        count+=1;
    }
}
```

18/Eng06/007



```
main.c X main.c X main.c X main.c X
18 //run infinite loop
19 while(1)
20 {
21     //increase counter
22     count+=1;
23
24     //read number from user
25     printf("\n\nGuess a number from (0 to 100): ");
26     scanf("%d", &num);
27
28     //compare entered number with generated number
29
30     if(random_genNo==num){
31         printf("congratulations, you have guessed a number correctly.");
32         break;
33     }
34     else if(random_genNo<num){
35         printf("Generated number is less than entered number, try your luck again...");
36     }
37     else if(random_genNo>num){
38         printf("Generated number is greater than entered number, try your luck again...");
39     }
40 }
41 }
```

& others

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

----- Run: Debug in homework5 (compiler: GNU GCC Compiler)-----

Checking for existence: C:\Users\alabo\Desktop\C PROGRAMMING\homework5\bin\Debug\homework5.exe

Executing: "C:\Program Files (x86)\CodeBlocks\cb\_console\_runner.exe" "C:\Users\alabo\Desktop\C PROGRAMMING\homework5\bin\Debug\homework5.exe"

C:\Users\alabo\Desktop\C PROGRAMMING\homework5\..

5\homework5\main.c C/C++ Windows (CR+LF) WINDOWS-1252 Line 19, Col 15, Pos 404 Insert Read/Write

```
Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
Debug
main.c X main.c X main.c X

if(random_genNo==num){
    printf("congratulations, you have guessed a number correctly.");
    break;
}
else if(random_genNo<num){
    printf("Generated number is less than entered number, try your luck again...");
}
else if(random_genNo>num){
    printf("Generated number is greater than entered number, try your luck again...");
}

if(count==7){
    printf("\n\n### Maximum limit of attempt finished, Very BAD LUCK !!!\n");
    break;
}

return 0;

Build log Build messages CppCheck/Vera++ CppCheck/Vera++ messages
```

```
main.c [homework5] - Code::Blocks 17.12
"C:\Users\alabo\Desktop\C PROGRAMMING\homework5\bin\Debug\homework5.exe"

Guess a number from (0 to 100): 4
Generated number is greater than entered number, try your luck again...

Guess a number from (0 to 100): 25
Generated number is greater than entered number, try your luck again...

Guess a number from (0 to 100): 50
Generated number is greater than entered number, try your luck again...

Guess a number from (0 to 100): 75
Generated number is greater than entered number, try your luck again...

Guess a number from (0 to 100): 85
Generated number is greater than entered number, try your luck again...

Guess a number from (0 to 100): 6
Generated number is greater than entered number, try your luck again...

Guess a number from (0 to 100): 60
Generated number is greater than entered number, try your luck again...

### Maximum limit of attempt finished, Very BAD LUCK !!!

Process returned 0 (0x0)   execution time : 123.901 s
Press any key to continue.
```

18/Eng06/007

```
----- Run: Debug in homework5 (compiler: GNU GCC Compiler)-----
Checking for existence: C:\Users\alabo\Desktop\C PROGRAMMING\homework5\bin\Debug\homework5.e
Executing: "C:\Program Files (x86)\CodeBlocks\cb_console_runner.exe" "C:\Users\alabo\Desktop
\Desktop\C PROGRAMMING\homework5\.)

C:\Users\alabo\Desktop\C PROGRAMMING\homework5\main.c   C/C++   Windows (CR+LF)   WINDOWS-1252   Line 49, Col 1, Pos 12
```

```
12
d Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
Debug
main() : int
main.c x main.c x main.c x main.c x
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 int main()
5 {
6     float x, y, z, P, A;
7     printf("\nInput the first number: ");
8     scanf("%f", &x);
9     printf("\nInput the second number: ");
10    scanf("%f", &y);
11    printf("\nInput 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("\nPerimeter = %.1f\n", P);
18    }
19    }
20    else
21    {
```

ASALEM ALABO JOSHUA

18/ENG06/007

cs 17.12

Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

Debug

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

```
7 printf("\nInput the first number: ");
8 scanf("%f", &x);
9 printf("\nInput the second number: ");
10 scanf("%f", &y);
11 printf("\nInput 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("\nPerimeter = %.1f\n", P);
18 }
19
20 else
21 {
22     printf("Not possible to create a triangle...!");
23 }
24
25 return 0;
26 }
27
```

18/ENG06/007

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

Debug in homework5 (compiler: GNU GCC Compiler)

