

[ABIOYE AFOLABI 18/ENG05/002 MECHANICAL] - Code::Blocks 17.12

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Debug

main(): int

main.c

main.c

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```
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    if(x<(y+z)&&y<(x+z)&&z<(y+z))
14    {
15        P = x+y+z;
16        printf("\nperimeter = %f\n", P);
17    }
18    else
19    {
20        printf("not possible to create a triangle..!");
21    }
22    printf("Hello world!\n");
23    return 0;
24
```

"C:\Users\Dell\Desktop\FOLA\002 MEC

input the first number: 5

input the second number: 7

input the third number: 3

perimeter = 15.000000

Hello world!

Process returned 0 (0x0) execut

Press any key to continue.

main.c [ABIOYE AFOLABI 18/ENG05/002 MECHANICAL] - Code::Blocks 17.12

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global> main(): int

C:\Users\Dell\Desktop\FOLA\002 MECHANICAL\ABIOYE AFOLABI 18\ENG05\002 MECHANICAL\main.c

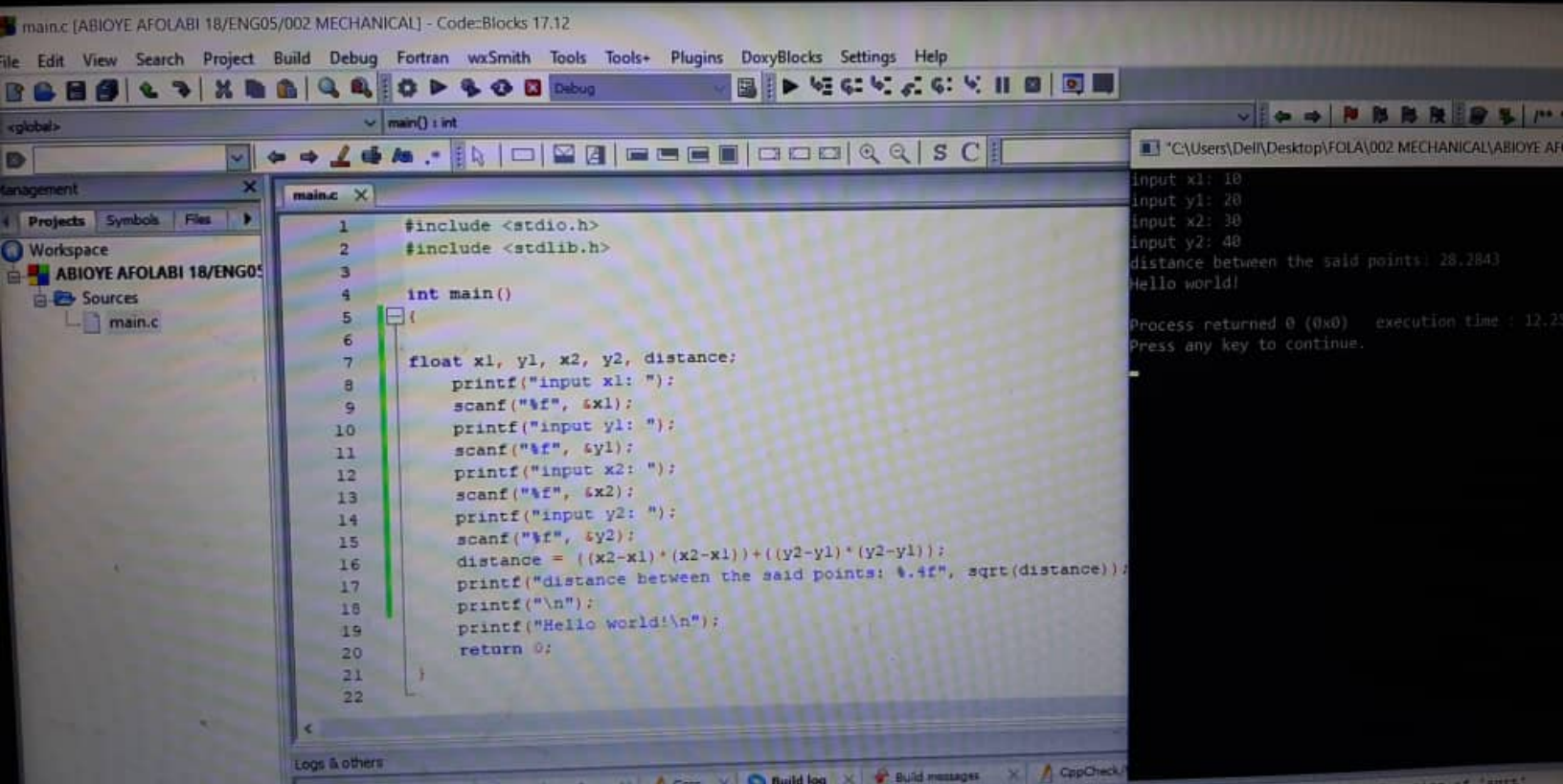
main.c X

Workspace
ABIOYE AFOLABI 18/ENG05
Sources
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 % 365)/7;
10    days=days-((years*365)+(weeks*7));
11    printf("Years: %d\n", years);
12    printf("Weeks: %d\n", weeks);
13    printf("Days: %d\n", days);
14
15    printf("Hello world!\n");
16    return 0;
17 }
18
```

```
Years: 3
Weeks: 35
Days: 3
Hello world!

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



workspace
ABIOYE AFOLABI 18/ENG05
Sources
main.c

```
5 int age;  
6 int cnt_baby,cnt_school=0,cnt_adult=0;  
7 int count=0;  
8 while(count<15)  
9 {  
10     printf("enter age of person [%d]: ",count+1);  
11     scanf("%d", &age);  
12     if(age>=0 &&age<=5)  
13         cnt_baby++;  
14     else if(age>=6 && age<=17)  
15         cnt_school++;  
16     else  
17         cnt_adult++;  
18     //printf("result:");  
19     count++;  
20 }  
21  
22 printf("baby age: %d\n", cnt_baby);  
23 printf("school age: %d\n", cnt_school);  
24 printf("adult age: %d\n", cnt_adult);  
25 printf("Hello world!\n");  
26 return 0;
```

```
enter age of person [1]: 12  
enter age of person [2]: 1  
enter age of person [3]: 2  
enter age of person [4]: 3  
enter age of person [5]: 90  
enter age of person [6]: 89  
enter age of person [7]: 43  
enter age of person [8]: 40  
enter age of person [9]: 31  
enter age of person [10]: 14  
enter age of person [11]: 24  
enter age of person [12]: 31  
enter age of person [13]: 20  
enter age of person [14]: 30  
enter age of person [15]: 71  
baby age: 123  
school age: 2  
adult age: 10  
Hello world!  
  
Process returned 0 (0x0) execution time : 36.250 s  
Press any key to continue.
```

```
[ABIOYE AFOLABI 18/ENG05/002 MECHANICAL] - Code::Blocks 17.12
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main() | int
main.c
11  ltime = time(NULL);
12  stime = (unsigned) ltime/2;
13  srand(stime);
14
15  //generate random number
16  random_genNo=rand()%1000;
17
18  //run infinite loop
19  while(1)
20  {
21      //increase counter
22      count++;
23
24      //ask user for num
25      printf("\n\nGuess a number from (0 to 1000): ");
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 correct number.");
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      if(count==7){
42          printf("\n\n### Maximum limit of attempt finished, BAD LUCK !!!\n");
43          break;
44      }
45  }
```

```
"C:\Users\DelF\Desktop\FOLA\002 MECHANICAL\ABIOYE AFOLABI 18(ENG05)\bin\Debug\A...
Guess a number from (0 to 1000): 12
Generated number is greater than entered number, try your luck again...
Guess a number from (0 to 1000): 1
Generated number is greater than entered number, try your luck again...
Guess a number from (0 to 1000): 3
Generated number is greater than entered number, try your luck again...
Guess a number from (0 to 1000): 43
Generated number is greater than entered number, try your luck again...
Guess a number from (0 to 1000): 90
Generated number is greater than entered number, try your luck again...
Guess a number from (0 to 1000): 100
Generated number is greater than entered number, try your luck again...
Guess a number from (0 to 1000): 1000
Generated number is less than entered number, try your luck again...
### Maximum limit of attempt finished, BAD LUCK !!!
Hello world!
Process returned 0 (0x0)   execution time : 24.952 s
```