

```
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
Debug
main(): int
main.c x
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 attempt
22 count++;
23
24 //read input from user
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 }
46
47 printf("Hello world!\n");
```

```
*C:\Users\Del\\Desktop\EDWIN\033 MECHANICAL\VOH...
Guess a number from (0 to 1000): 78
Generated number is greater than entered number, try your luck again...
Guess a number from (0 to 1000): 9
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): 2
Generated number is greater than entered number, try your luck again...
Guess a number from (0 to 1000): 33
Generated number is greater than entered number, try your luck again...
Guess a number from (0 to 1000): 5
Generated number is greater than entered number, try your luck again...
### Maximum limit of attempt finished, BAD LUCK !!!
Hello world!
Process returned 0 (0x0) execution time : 34.091 s
Press any key to continue.
```

main.c [JOHN EDWIN AKPAN 18/ENG06/033 MECHANICAL] - Code::Blocks 17.12

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main() : int

main.c

Workspace  
JOHN EDWIN AKPAN 18/EN  
Sources  
main.c

```
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 }
25
```

Logs & others

"C:\Users\DeI\\Desktop\EDWIN\033 MECHANICAL

```
input the first number: 5
input the second number: 7
input the third number: 3
perimeter = 15.000000
Hello world!

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

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

main.c [JOHN EDWIN AKPAN 18/ENG06/033 MECHANICAL] - Code::Blocks 17.12

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Debug

main() : int

global>

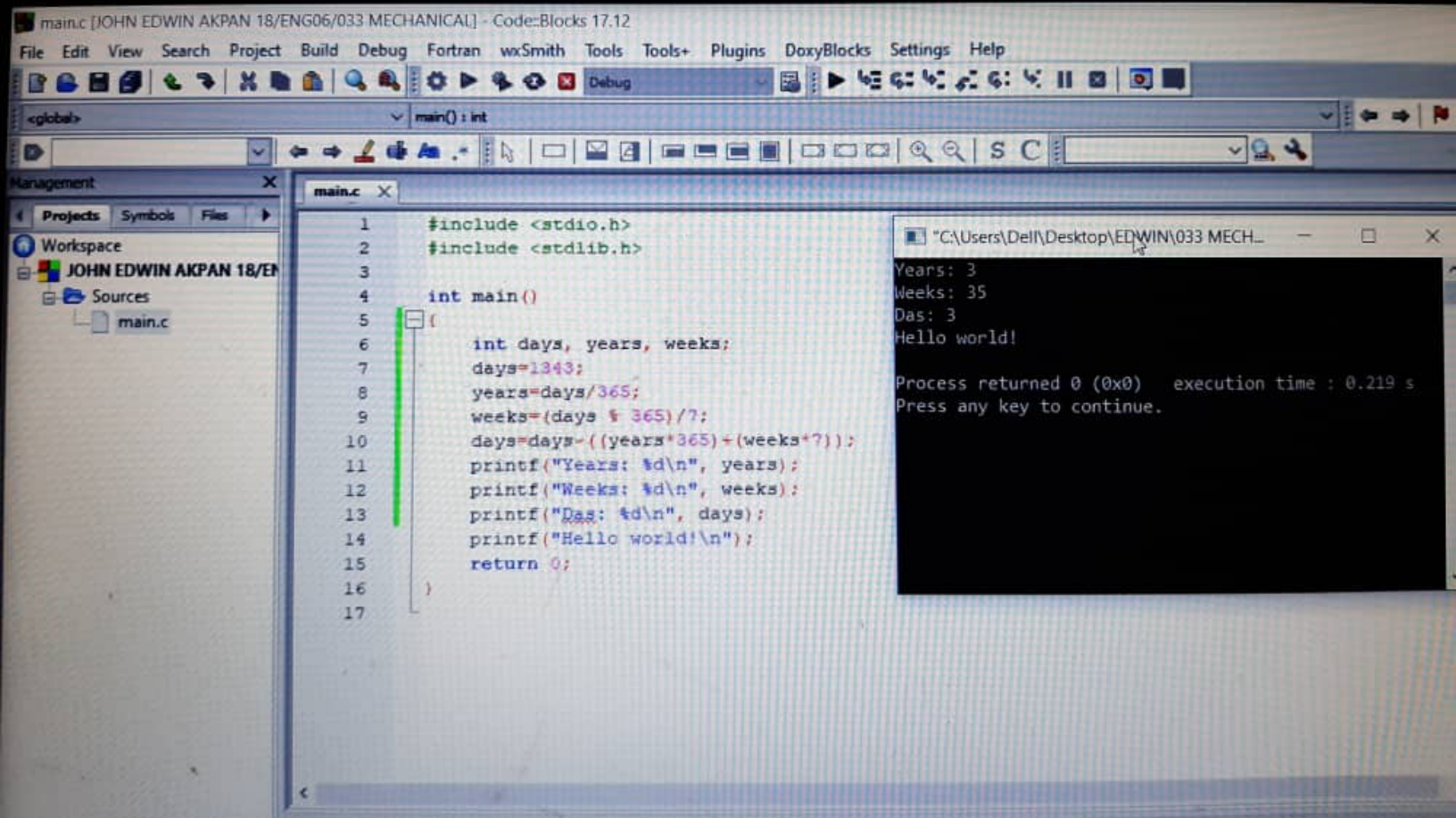
Workspace  
JOHN EDWIN AKPAN 18/EN  
Sources  
main.c

```
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 int main()
5 {
6     float x1, y1, x2, y2, distance;
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    distance = ((x2-x1)*(x2-x1))+((y2-y1)*(y2-y1));
16    printf("distance between the said points: %.4f", sqrt(distance));
17    printf("\n");
18
19    printf("Hello world!\n");
20    return 0;
21 }
22
```

"C:\Users\Del\\Desktop\EDWIN\033 MECHANICAL

```
input x1: 9
input y1: 0
input x2: 1
input y2: 4
distance between the said points: 8.9443
Hello world!

Process returned 0 (0x0)   execution time = 0.000 sec
Press any key to continue.
```



```
5 int main()
6 {
7     int age;
8     int cnt_baby,cnt_school=0,cnt_adult=0;
9     int count=0;
10    while(count<15)
11    {
12        printf("enter age of person [%d]: ",count+1);
13        scanf("%d", &age);
14        if(age>=0 && age<=5)
15            cnt_baby++;
16        else if(age>=6 && age<=17)
17            cnt_school++;
18        else
19            cnt_adult++;
20        //increase counter
21        count++;
22    }
23    printf("baby age: %d\n",cnt_baby);
24    printf("school age: %d\n",cnt_school);
25    printf("adult age: %d\n",cnt_adult);
26
27    printf("Hello world!\n");
28    return 0;
29 }
```

```
enter age of person [1]: 89
enter age of person [2]: 7
enter age of person [3]: 1
enter age of person [4]: 2
enter age of person [5]: 3
enter age of person [6]: 4
enter age of person [7]: 43
enter age of person [8]: 32
enter age of person [9]: 12
enter age of person [10]: 39
enter age of person [11]: 900
enter age of person [12]: 89
enter age of person [13]: 98
enter age of person [14]: 70
enter age of person [15]: 80
baby age: 129
school age: 2
adult age: 9
Hello world!

Process returned 0 (0x0)   execution time : 36.622 s
Press any key to continue.
```

----- Build: Debug in JOHN EDWIN AKPAN 18/ENG06/033 MECHANICAL (compiler: GNU GCC Compiler)-----  
Target is up to date.  
Nothing to be done (all items are up-to-date).