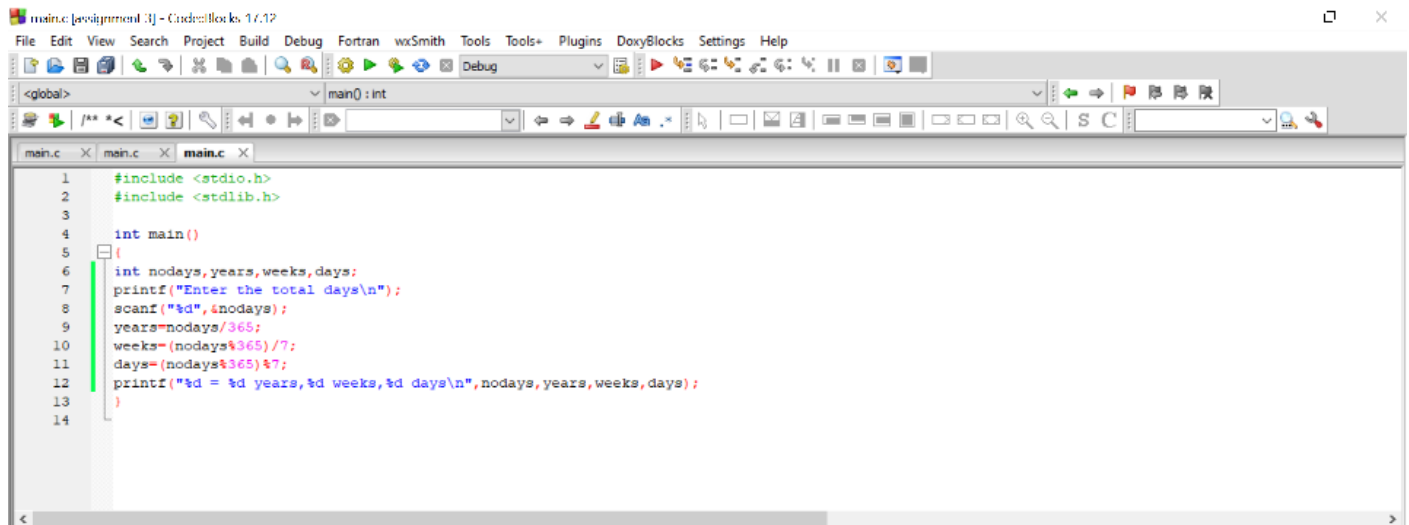
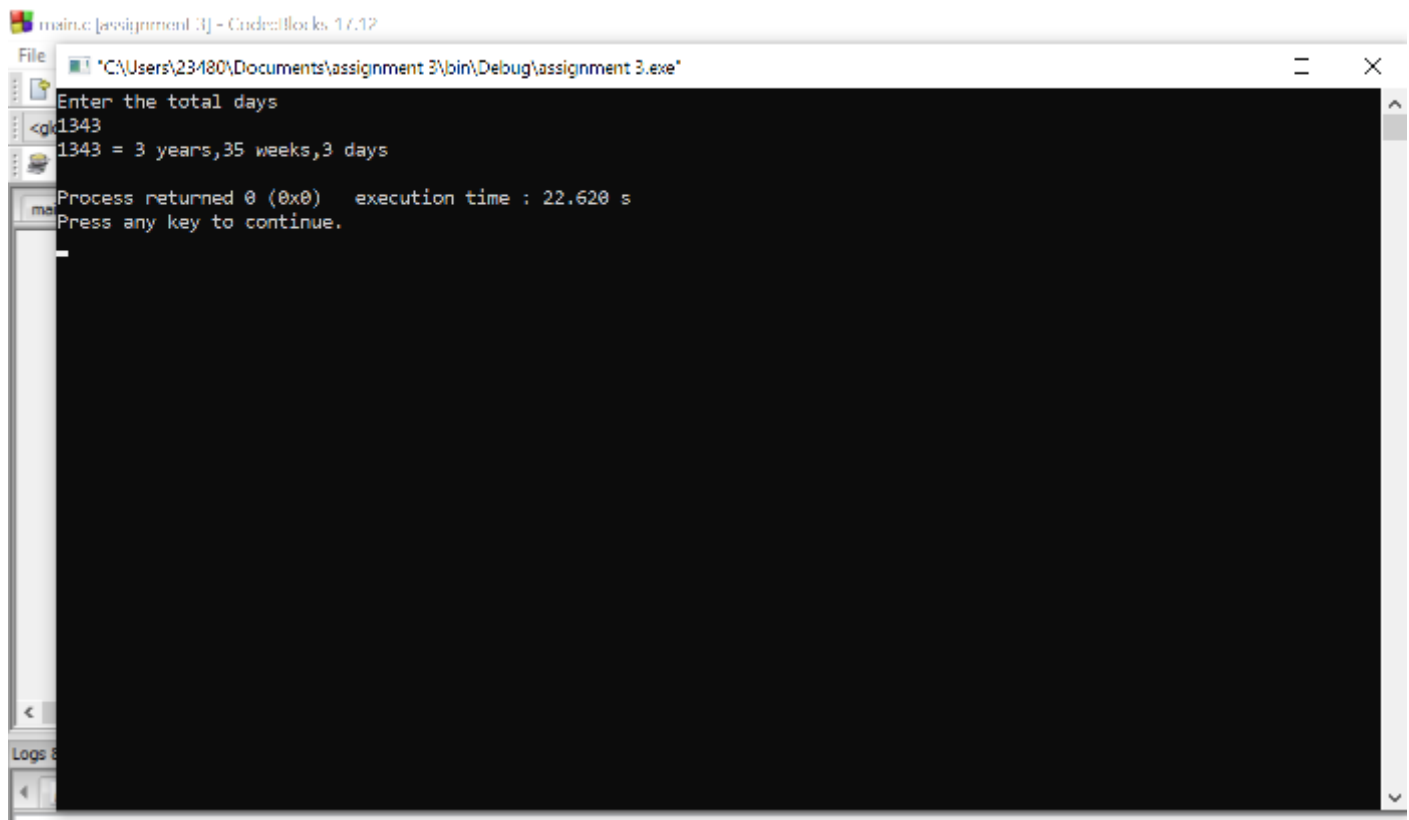


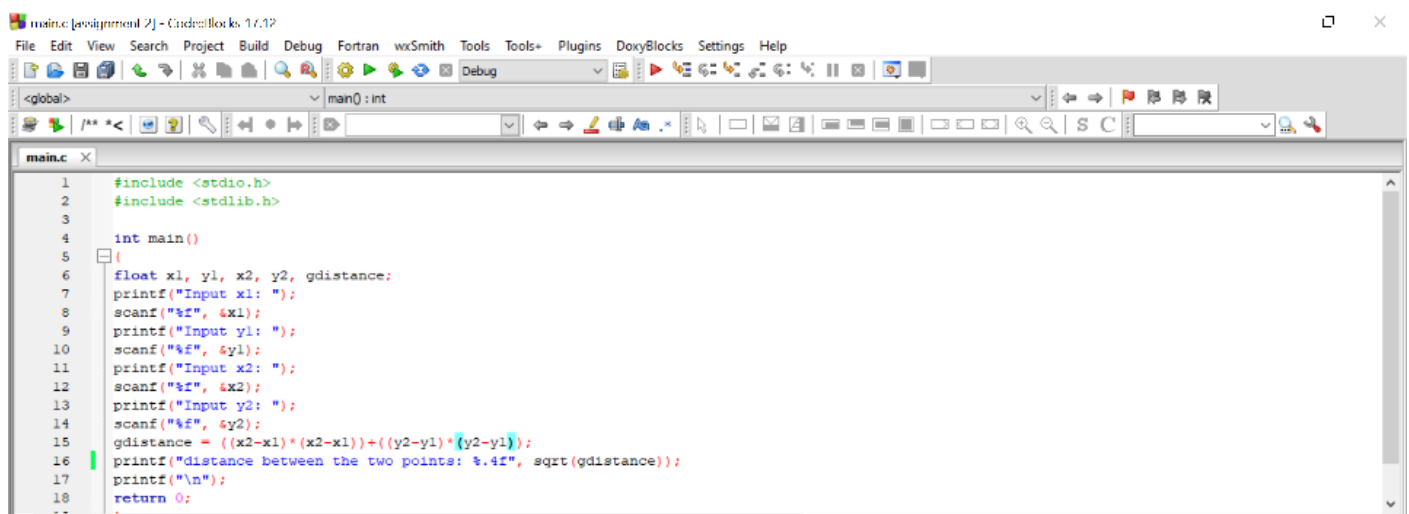
AKA PEACE OTAOGHENE 18/ENG01/002



```
main.c [assignment 3] - C:\code\locks 17.17
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
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 int main()
5 {
6     int noday, years, weeks, days;
7     printf("Enter the total days\n");
8     scanf("%d", &noday);
9     years=noday/365;
10    weeks=(noday%365)/7;
11    days=(noday%365)%7;
12    printf("%d = %d years,%d weeks,%d days\n",noday, years, weeks, days);
13 }
14
```



```
main.c [assignment 3] - C:\code\locks 17.17
File 'C:\Users\23480\Documents\assignment 3\bin\Debug\assignment 3.exe'
Enter the total days
1343
1343 = 3 years,35 weeks,3 days
Process returned 0 (0x0)   execution time : 22.620 s
Press any key to continue.
```



```
main.c [assignment 2] - C:\code\locks 17.17
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
<global>
main() : int
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 points: %.4f", sqrt(gdistance));
17    printf("\n");
18    return 0;
19 }
```

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Debug

main0 : int

"C:\Users\23180\Documents\assignment 2\bin\Debug\assignment 2.exe"

```

Input x1: 34
Input y1: 43
Input x2: 67
Input y2: 76
distance between the two points: 46.6690

Process returned 0 (0x0)   execution time : 13.654 s
Press any key to continue.

```

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Debug

<global> main0 : int

main.c

```

1 #include <stdio.h>
2 #include <stdlib.h>
3 int main ()
4 {
5     float x, y, z, p, A;
6     printf("\nInput the first number: ");
7     scanf("%f", &x);
8     printf("\nInput the second number: ");
9     scanf("%f", &y);
10    printf("\nInput the third number: ");
11    scanf("%f", &z);
12
13    if(x < (y+z) && y < (x+z) && z < (y+x))
14    {
15        p = x+y+z;
16        printf("\nPerimeter = %.1f\n", p);
17    }
18 }

```

```
main.c [assignment 2] - Code::Blocks 17.12
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
<global>
main():int
main.c x
6 printf("\nInput the first number:");
7 scanf("%f", &x);
8 printf("\nInput the second number: ");
9 scanf("%f", &y);
10 printf("\nInput the third number: ");
11 scanf("%f", &z);
12
13 if(x < (y+z) && y < (x+z) && z < (y+x))
14 {
15     p = x+y+z;
16     printf("\nPerimeter = %.1f\n", p);
17 }
18 else
19 {
20     printf("Not possible to create a triangle..!");
21 }
22
23 }
```

```
"C:\Users\231480\Documents\assignment 2\bin\Debug\assignment 2.exe"
Input the first number:3
Input the second number: 7
Input the third number: 5
Perimeter = 15.0
Process returned 0 (0x0)   execution time : 11.922 s
Press any key to continue.
```

```
main.c [assignment 2] - Code::Blocks 17.12
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
<global>
main():int
main.c x
1 #include <stdio.h>
2 #include <stdlib.h>
3 int main ()
4 {
5     int age;
6     int cnt_baby=0,cnt_school=0,cnt_adult=0;
7     int count=0;
8     while(count<20)
9     {
10        printf("Enter age of person [%d]: ",count+1);
11        scanf("%d",&age);
12        if(age>=0 && age<=4)
13            cnt_baby++;
14        else if(age>=5 && age<=17)
15            cnt_school++;
16        else
17            cnt_adult++;
18        //increase counter
19    }
20 }
```

```
main.c [assignment 2] - Code::Blocks 17.12
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
<global> main(): int
main.c
10 printf("Enter age of person [%d]: ",count+1);
11 scanf("%d",&age);
12 if(age>=0 && age<=4)
13     cnt_baby++;
14 else if(age>=5 && age<=17)
15     cnt_school++;
16 else
17     cnt_adult++;
18 //increase counter
19 count++;
20 }
21 printf("Baby age: %d\n",cnt_baby);
22 printf("School age: %d\n",cnt_school);
23 printf("Adult age: %d\n", cnt_adult);
24 return 0;
25 }
26 }
27 }
```

```
main() : int
"C:\Users\23180\Documents\assignment 2\bin\Debug\assignment 2.exe"
Enter age of person [1]: 1
Enter age of person [2]: 2
Enter age of person [3]: 3
Enter age of person [4]: 4
Enter age of person [5]: 5
Enter age of person [6]: 6
Enter age of person [7]: 7
Enter age of person [8]: 8
Enter age of person [9]: 9
Enter age of person [10]: 0
Enter age of person [11]: 86
Enter age of person [12]: 54
P: Enter age of person [13]: 23
P: Enter age of person [14]: 11
P: Enter age of person [15]: 22
P: Enter age of person [16]: 33
Enter age of person [17]: 44
Enter age of person [18]: 55
Enter age of person [19]: 66
Enter age of person [20]: 77
Baby age: 5
School age: 6
Adult age: 9
Process returned 0 (0x0)   execution time : 24.187 s
Press any key to continue.
```

```
main.c [assignment 2] - Code::Blocks 17.12
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
<global> main(): int
main.c
1 #include <stdio.h>
2 #include <stdlib.h>
3 #include <time.h>
4 int main ()
5 {
6     int random_genNo=0, count=0,num;
7     int s_time;
8     long l_time;
9
10    //initialize s_time with current time, to get random number on every run
11    l_time = time(NULL);
12    s_time = (unsigned) l_time/2;
13    srand(s_time);
14
15    //generate random number
16    random_genNo=rand()%100;
17
18    //run infinite loop
```

```
*main.c [assignment 2] - Code::Blocks 17.12
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
<global> |man() : int
*main.c x
17
18 //run infinite loop
19 while(1)
20 {
21 //increase counter
22 count++;
23 //read number from user
24 printf("\n\nGuess a number from (0 to 100): ");
25 scanf("%d",&num);
26 //compare entered number with generated number
27 if(random_genNo==num)
28 {
29 printf("congratulations you have guessed a correct number .");
30 break;
31 }
32 else if (random_genNo<num)
33 {
34 printf("Generated number is less than entered number, try again ");
35 }
36 }
37 }
38 }
39 }
40 }
41 }
42 }
43 }
44 }
45 }
46 }
47 }
48 }
49 }
50 }
51 }
```

```
*main.c [assignment 2] - Code::Blocks 17.12
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
<global> |man() : int
*main.c x
34 printf("Generated number is less than entered number, try again ");
35 }
36 else if (random_genNo>num)
37 {
38 printf("Generated number is greater than entered number, try again");
39 }
40 }
41 if(count==7)
42 {
43 printf("\n\n### Maximum limit of attempt finished,\n");
44 break;
45 }
46 }
47 return 0;
48 }
49 }
50 }
51 }
```

```
*C:\Users\23480\Documents\assignment 2\bin\Debug\assignment 2.exe
Guess a number from (0 to 100): 67
Generated number is less than entered number, try again

Guess a number from (0 to 100): 89
Generated number is less than entered number, try again

Guess a number from (0 to 100): 10
Generated number is greater than entered number, try again

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

Guess a number from (0 to 100): 40
Generated number is less than entered number, try again

Guess a number from (0 to 100): 27
Generated number is less than entered number, try again

Guess a number from (0 to 100): 20
Generated number is greater than entered number, try again

### Maximum limit of attempt finished,

Process returned 0 (0x0) execution time : 66.985 s
Press any key to continue.
```

for existence: C:\Users\23480\Documents\assignment 2\bin\Debug\assignment 2.exe