

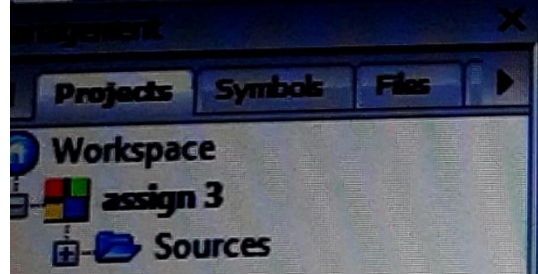
```
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 int main()
5 {
6     int age;
7     int cnt_baby=0, cnt_school=0, cnt_adult=0;
8     int count=0;
9     while(count<20)
10    {
11        printf("ENTER AGE[%d];", count+=1);
12        scanf("%d", &age);
13        if (age>=0 && age<=4)
14            cnt_baby++;
15        else if(age>=5 && age<=17)
16            cnt_school++;
17        else
18            cnt_adult++;
19        count++;
20    }
21    printf("BABY:%d\n", cnt_baby);
22    printf("IN SCHOOL:%d\n", cnt_school);
23    printf("ADULT:%d\n", cnt_adult);
24    return 0;
25 }
26
```

main.c [ASSIGN 2] - Code::Blocks 17.12

"C:\Users\MAKINDE FAVOUR J\Desktop\CODE BLOCK\ASSIGN 2\bin"

```
ENTER AGE[1];1
ENTER AGE[2];2
ENTER AGE[3];
4
ENTER AGE[4];6
ENTER AGE[5];7
ENTER AGE[6];8
ENTER AGE[7];9
ENTER AGE[8];10
ENTER AGE[9];11
ENTER AGE[10];12
ENTER AGE[11];1
ENTER AGE[12];14
ENTER AGE[13];15
ENTER AGE[14];16
ENTER AGE[15];67
ENTER AGE[16];87
ENTER AGE[17];98
ENTER AGE[18];09
ENTER AGE[19];100
ENTER AGE[20];120
BABY:4
IN SCHOOL:11
ADULT:5
```

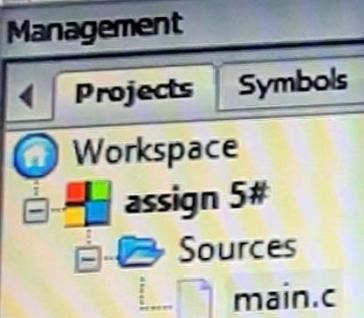
```
Process returned 0 (0x0)   execution time : 31.361 s
Press any key to continue.
```



```
main.c X
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 points:%4f",sqrt(Distance));
17     printf("\n");
18     return 0;
19 }
20
```

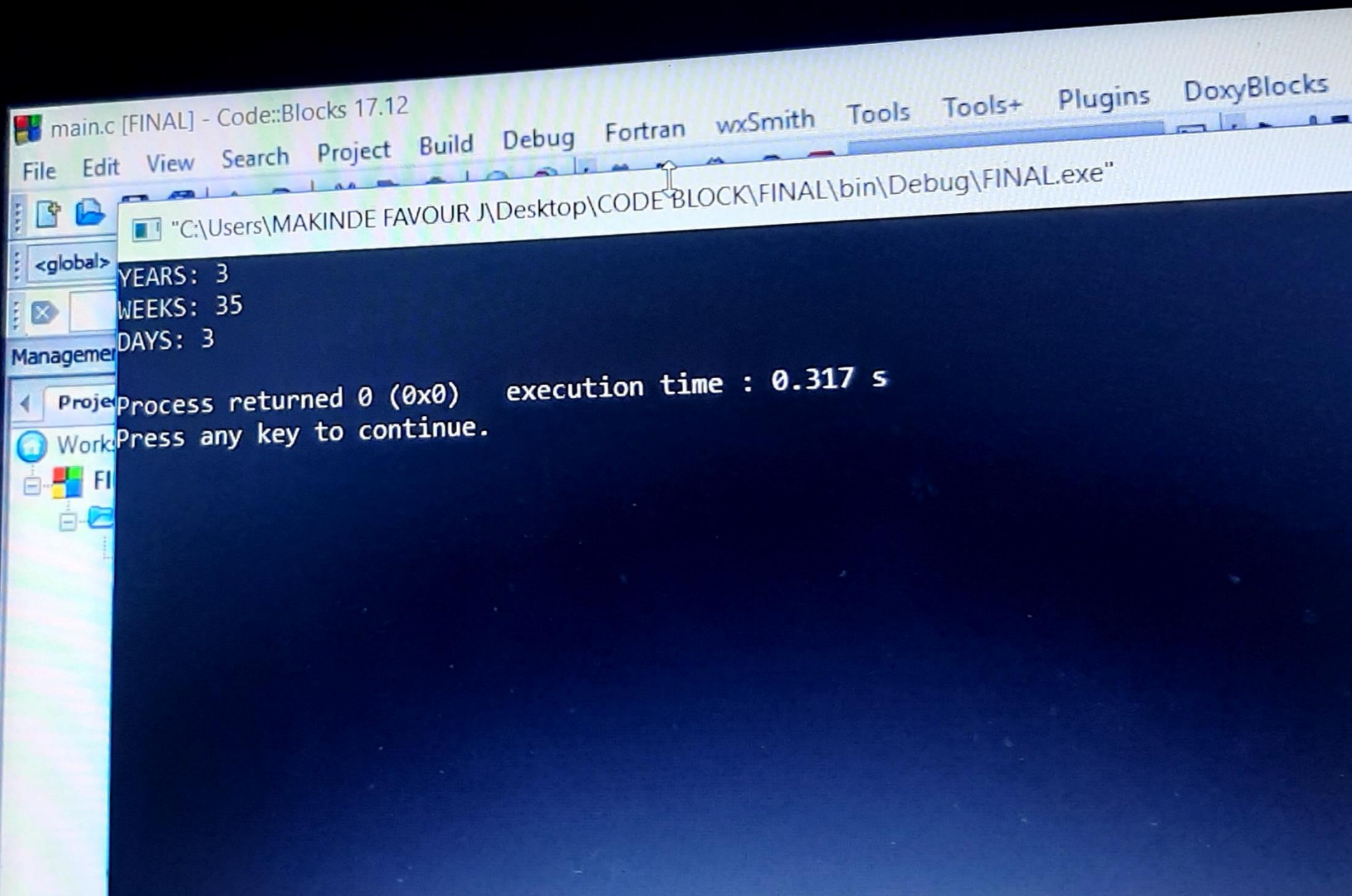
```
main() : int
input x1:12
input y1:14
input x2:15
input y2:77
Distance between points:63.071388
Process returned 0 (0x0)   execution time : 9.252 s
Press any key to continue.
```

```
main.c X
1  #include <stdio.h>
2  #include <stdlib.h>
3
4  int main()
5  {
6      float x,y,z,PER;
7      printf("\ninput first no:");
8      scanf("%f",&x);
9      printf("\ninput second no:");
10     scanf("%f",&y);
11     printf("\ninput third no:");
12     scanf("%f",&z);
13     if(x,(y+z)&&y<(x+z)&&z<(y+x))
14     {
15         PER = x+y+z;
16         printf("TRIANGLE IS FORMED");
17         printf("\n PERIMETER = %lf\n",PER);
18     }
19     else
20     {
21         printf("TRIANGLE ISNT FORMED");
22     }
23     return 0;
24 }
25
```



```
"C:\Users\MAKINDE FAVOUR J\Desktop\CODE BLOCK\assign 5#\bin\Debug\assign 5#.exe"  
  
input first no:  
4  
  
input second no:6  
  
input third no:98  
TRIANGLE ISNT FORMED  
Process returned 0 (0x0)   execution time : 9.394 s  
Press any key to continue.
```

```
main() : int
main.c X
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     return 0;
15 }
16
```



main.c [FINAL] - Code::Blocks 17.12

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"C:\Users\MAKINDE FAVOUR J\Desktop\CODE-BLOCK\FINAL\bin\Debug\FINAL.exe"

<global>  
Management  
Project  
Work  
FI

YEARS: 3  
WEEKS: 35  
DAYS: 3

Process returned 0 (0x0) execution time : 0.317 s  
Press any key to continue.



```
main() : int
main.c
1  #include <stdio.h>
2  #include <stdlib.h>
"C:\Users\MAKINDE FAVOUR J\Desktop\CODE BLOCK\ASSIGN\bin\DebugV
guess a number from (0 to 100:78
HIGHER VALUE,TRY AGAIN
guess a number from (0 to 100:4567
LESSER VALUE,TRY AGAIN
guess a number from (0 to 100:45
HIGHER VALUE,TRY AGAIN
guess a number from (0 to 100:45
HIGHER VALUE,TRY AGAIN
guess a number from (0 to 100:11
HIGHER VALUE,TRY AGAIN
guess a number from (0 to 100:1
HIGHER VALUE,TRY AGAIN
guess a number from (0 to 100:0
HIGHER VALUE,TRY AGAIN

ATTEMPT LIMIT REACHED
Process returned 0 (0x0)   execution time : 33.974 s
Press any key to continue.
```

```
1  #include <stdio.h>
2  #include <stdlib.h>
3
4  int main()
5  {
6      int random_genNo=0, count=0, num;
7      int stime;
8      long ltime;
9      ltime=time(NULL);
10     stime = (unsigned) ltime/2;
11     srand(stime);
12     random_genNo=rand()%100;
13     while(1)
14     {
15         count++;
16         printf("\n\nguess a number from (0-100:");
17         scanf("%d", &num);
18         if (random_genNo==num)
19         {
20             printf("RIGHT NUMBER");
21             break;
22         }
23         else if(random_genNo<num){
24             printf("LESSER VALUE, TRY AGAIN");
25         }
26         else if(random_genNo>num){
27             printf("HIGHER VALUE, TRY AGAIN");
28         }
29         if (count==7){
30             printf("\n\n ATTEMPT LIMIT REACHED");
31             break;
32         }
33     }
34
35     return 0;
36 }
```