

A screenshot of a Windows desktop environment. The main window is Code::Blocks 17.12, showing a C++ program for a number-guessing game. The code is as follows:

```
13
14
15 while(!)
16 {
17     count++;
18     printf("\n\nGuess a number from(1 to 100):");
19     scanf("%d",&num);
20     if(random_genNo==num)
21     {
22         printf("Congratulations, you have guessed the correct number.");
23         break;
24     }
25     else if(num>random_genNo)
26     {
27         printf("The entered number is greater than the generated number.");
28     }
29     else if(num<random_genNo)
30     {
31         printf("The entered number is less than the generated number.");
32     }
33     if (count==6)
34     {
35         printf("\n\nYou have one more attempt.");
36     }
37     if (count==7)
38     {
39         printf("\n\n### You have used all your attempts, better luck next time");
40         break;
41     }
42     }
43     printf("\n\nThe Random generated number was:%d",random_genNo);
44     return 0;
45 }
```

Overlaid on the right is a terminal window titled "C:\Users\DAYO\Desktop\C Programming\Assignment 5...". It shows the program's execution with the following output:

```
Guess a number from(1 to 100):23
The entered number is less than the generated number.
Guess a number from(1 to 100):45
The entered number is less than the generated number.
Guess a number from(1 to 100):67
The entered number is less than the generated number.
Guess a number from(1 to 100):89
The entered number is less than the generated number.
Guess a number from(1 to 100):10
The entered number is less than the generated number.
Guess a number from(1 to 100):100
The entered number is greater than the generated number.
You have one more attempt.
Guess a number from(1 to 100):92
The entered number is less than the generated number.
### You have used all your attempts, better luck next time
The Random generated number was:96
Process returned 0 (0x0)   execution time : 22.467 s
Press any key to continue.
```

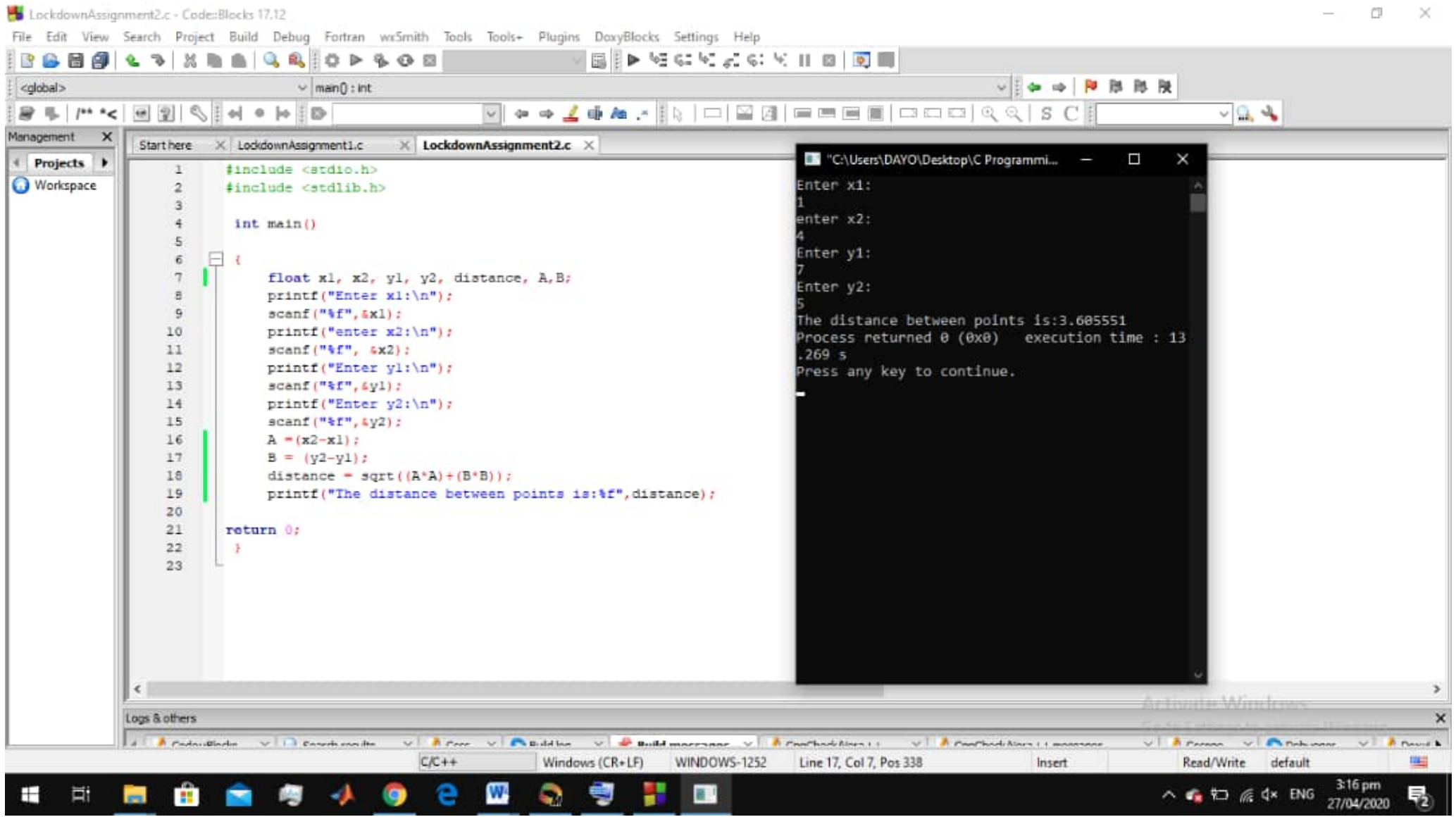
The Windows taskbar at the bottom shows the system tray with the date and time: 3:29 pm, 27/04/2020. The taskbar also includes icons for various applications and the Windows Start button.

A screenshot of a Windows desktop environment. The main window is Code::Blocks 17.12, showing a C program for a number-guessing game. The code includes `<stdio.h>` and `<stdlib.h>`, and uses `rand()` to generate a random number between 1 and 100. The program prompts the user to guess a number and provides feedback based on whether the guess is less than, greater than, or equal to the generated number. It also tracks the number of attempts, allowing only six guesses.

```
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
14    while(1)
15    {
16        count++;
17        printf("\n\nGuess a number from(1 to 100):");
18        scanf("%d",&num);
19        if(random_genNo==num)
20        {
21            printf("Congratulations, you have guessed the correct number.");
22            break;
23        }
24        else if(num>random_genNo)
25        {
26            printf("The entered number is greater than the generated number.");
27        }
28        else if(num<random_genNo)
29        {
30            printf("The entered number is less than the generated number.");
31        }
32        if (count==6)
33        {
34            printf("\nYou have one more attempt.");
```

An overlaid terminal window shows the program's execution. It displays the prompts and user input for several guesses, along with the program's feedback. The final output indicates that the user has used all six attempts and provides the generated number (96) and execution time (22.467 s).

```
"C:\Users\DAYO\Desktop\C Programming\Assignment 5\...
Guess a number from(1 to 100):23
The entered number is less than the generated number.
Guess a number from(1 to 100):45
The entered number is less than the generated number.
Guess a number from(1 to 100):67
The entered number is less than the generated number.
Guess a number from(1 to 100):89
The entered number is less than the generated number.
Guess a number from(1 to 100):10
The entered number is less than the generated number.
Guess a number from(1 to 100):100
The entered number is greater than the generated number.
You have one more attempt.
Guess a number from(1 to 100):92
The entered number is less than the generated number.
### You have used all your attempts, better luck next time
The Random generated number was:96
Process returned 0 (0x0)   execution time : 22.467 s
Press any key to continue.
```



LockdownAssignment1.c - Code::Blocks 17.12

File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help

<global> man() : int

Management X

Projects Workspace

```
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("%dYears", years);
12    printf("\n%dweeks", weeks);
13    printf("\n%ddays", days);
14
15
16
17    return 0;
18 }
19
```

*C:\Users\DAYO\Desktop\C Programming\LockdownA...
3Years
35weeks
3days
Process returned 0 (0x0) execution time : 0.069 s
Press any key to continue.

Logs & others

Activate Windows
Go to Settings to activate Windows.

C:\Users\DAYO\Desktop\C Programming\LockdownAssignment1.c C/C++ Windows (CR+LF) WINDOWS-1252 Line 11, Col 9, Pos 182 Insert Read/Write default

3:14 pm 27/04/2020

