

1

```
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
```

```
3Years
35weeks
3days
Process returned 0 (0x0)   execution time : 0.069 s
Press any key to continue.
```

Logs & others

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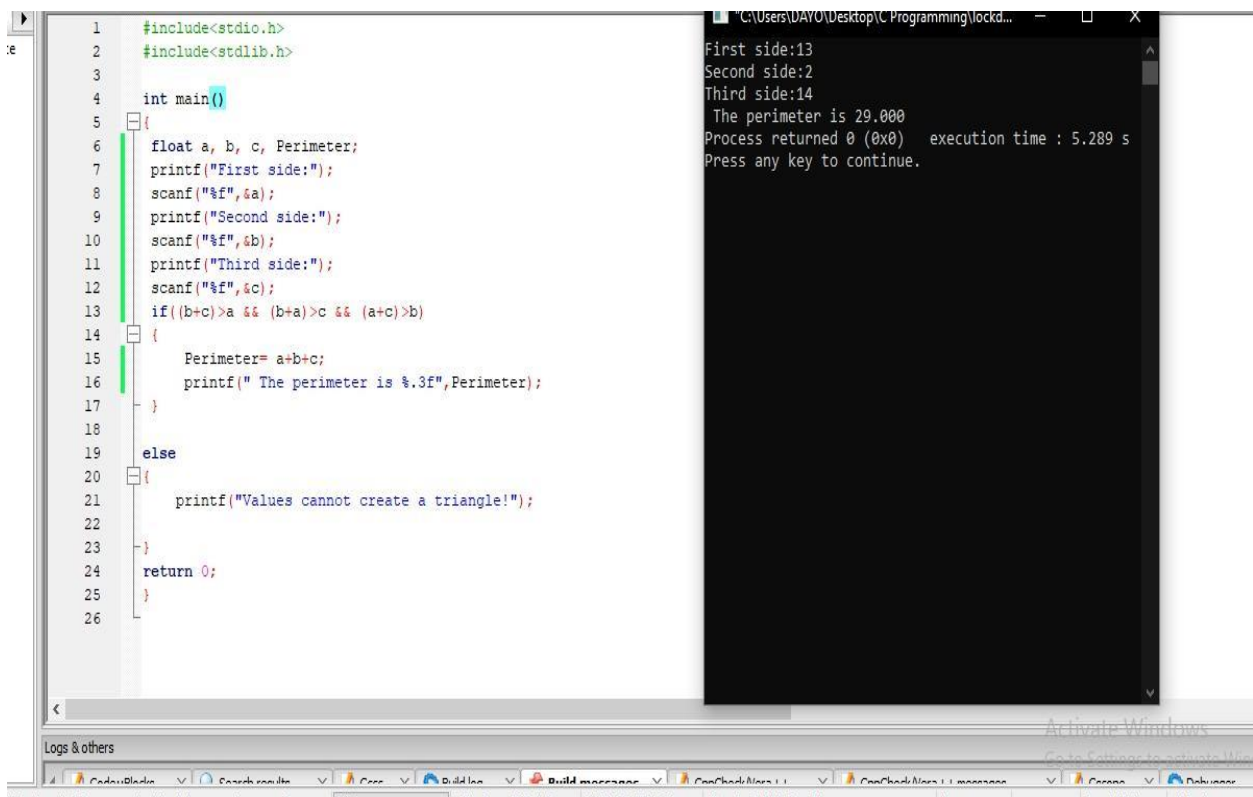
CodeBlocks Search results Case Build Build messages CanCheck Messages CanCheck Messages

2

```
1  #include <stdio.h>
2  #include <stdlib.h>
3
4  int main()
5  {
6
7      float x1, x2, y1, y2, distance, A,B;
8      printf("Enter x1:\n");
9      scanf("%f", &x1);
10     printf("enter x2:\n");
11     scanf("%f", &x2);
12     printf("Enter y1:\n");
13     scanf("%f", &y1);
14     printf("Enter y2:\n");
15     scanf("%f", &y2);
16     A =(x2-x1);
17     B = (y2-y1);
18     distance = sqrt((A*A)+(B*B));
19     printf("The distance between points is:%f",distance);
20
21     return 0;
22 }
23
```

```
Enter x1:
1
enter x2:
4
Enter y1:
7
Enter y2:
5
The distance between points is:3.605551
Process returned 0 (0x0)   execution time : 13
.269 s
Press any key to continue.
```

Windows (CR+LF) WINDOWS-1252 Line 17, Col 7, Pos 338



```
1 #include<stdio.h>
2 #include<stdlib.h>
3
4 int main()
5 {
6     float a, b, c, Perimeter;
7     printf("First side:");
8     scanf("%f", &a);
9     printf("Second side:");
10    scanf("%f", &b);
11    printf("Third side:");
12    scanf("%f", &c);
13    if((b+c)>a && (b+a)>c && (a+c)>b)
14    {
15        Perimeter= a+b+c;
16        printf(" The perimeter is %.3f", Perimeter);
17    }
18    else
19    {
20        printf("Values cannot create a triangle!");
21    }
22    return 0;
23 }
24
25
26
```

Terminal output:

```
First side:13
Second side:2
Third side:14
The perimeter is 29.000
Process returned 0 (0x0)   execution time : 5.289 s
Press any key to continue.
```

```
1  #include<stdio.h>
2  #include<stdlib.h>
3  int main()
4  {
5      int age;
6      int cnt_baby=0;
7      int cnt_school=0;
8      int cnt_adult=0;
9      int count=0;
10     while(count<20)
11     {
12         printf("enter age of person[%d]:", count+1);
13         scanf("%d",&age);
14         if(age>=0 && age<=4)
15             cnt_baby++;
16         else if(age>4 && age<=17)
17             cnt_school++;
18         else
19             cnt_adult++;
20         count++;
21     }
22     printf("No_ of Baby age= %d\n",cnt_baby);
23     printf("No_ of School age= %d\n", cnt_school) ;
24     printf("No_ of Adult age= %d\n", cnt_adult);
25     return 0;
26 }
27
28
29
```

```
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]:10
enter age of person[12]:11
enter age of person[13]:12
enter age of person[14]:13
enter age of person[15]:14
enter age of person[16]:15
enter age of person[17]:1
enter age of person[18]:6
enter age of person[19]:18
enter age of person[20]:19
No_ of Baby age= 6
No_ of School age= 12
No_ of Adult age= 2

Process returned 0 (0x0)   execution time : 15.560 s
Press any key to continue.
```

Logs & others

Activate Windows
Go to Settings to activate Windows.

C/C++ Windows (CR+LF) WINDOWS-1252 Line 22, Col 31, Pos 438 Insert Read/Write default

Arogunmati Oluwadamilola Alexander.c - Code::Blocks 17.12

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<global> main() : int

```

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

```

```

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.

```

Activate Windows
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C:\Users\DAVO\Desktop\C Programming\Assignment 5\Arogunmati Olu C/C++ Windows (CR-LF) WINDOWS-1252 Line 30, Col 72, Pos 720 Insert Read/Write default 3:29 pm 27/04/2020

```

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

```

```

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.

```

Activate Windows
Go to Settings to activate Windows

Logs & others