```c
#include <stdio.h>
#include <stdlib.h>

void main()
{
    int ddays, weeks, year, days;
    ddays = 1343;
    weeks = (ddays % 365)/7;
    year = 1343/365;
    days = (ddays % 365)& 7;
    printf("1343 days is equal to %d weeks and &d days", weeks, year, days);
}
```

```
1343 days is equal to 35 weeks and &d days
Process returned 42 (0x2A)    execution time : 0.016 s
Press any key to continue.
```

```
mainc 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 the said points: %. 4f", sqrt(distance));
17          printf("\n");
18          return 0;
19
20
21    }
```
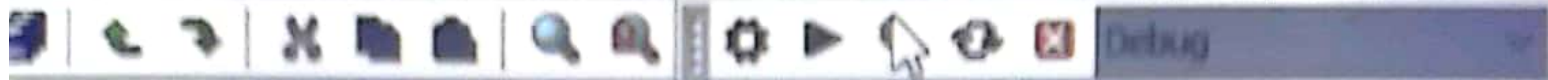
gs & others

Code::Blocks   X   Search results   X   Cccc   X   Build log   X   Build messages   X   CppCh

```
------------ Run: Debug in covid 2 (compiler: GNU GCC Compiler)------------
hecking for existence: C:\Users\ASUQUO OKPO\Desktop\c programming\covid 2\bin\Debug\covid 2.e
xecuting: "C:\Program Files (x86)\CodeBlocks/cb_console_runner.exe" "C:\Users\ASUQUO OKPO\De:
ASUQUO OKPO\Desktop\c programming\covid 2\
rocess terminated with status -1073741510 (0 minute(s), 26 second(s))
```

ramming\covid 2\main.c   C/C++   Windows (CR+LF)   WINDOWS-1252   Line 7, Col 8, Pos 10?

"C:\Users\ASUQUO OKP0\Desktop\c programming\covid 2\bin\Debug\covid 2.e

```
input x1: 6
input y1: 4
input x2: 2
input y2: 3
distance between the said points:  4f

Process returned 0 (0x0)    execution time : 9.094 s
Press any key to continue.
```

main() : int

```c
#include <stdio.h>
#include <stdlib.h>

int main()
{
    float x, y, z;
    printf("input x:");
    scanf("%f", &x);
    printf("input y:");
    scanf("%f", &y);
    printf("input z:");
    scanf("%f", &z);
    float perimeter = x + y + z;
    if (x + y > z && y + z > x && x + z > y)
        printf("The values are valid and perimeter = %f\n", perimeter);
    else
        printf("The values are not valid for a triangle to be formed");
}
```

:Blocks   Search results   Cccc   Build log   Build messages   CppCh

```
----- Run: Debug in covid 3 (compiler: GNU GCC Compiler)----------------
or existence: C:\Users ASUQUO OKPO\Desktop\c programming\covid 3\bin\Debug\covid 3.
  "C:\Program Files  x86  CodeBlocks/cb_console_runner.exe" "C:\Users\ASUQUO OKPO\De
PO\Desktop\c programming covid 3\.)
```

"C:\Users\ASUQUO OKPO\Desktop\c programming\covid 3\bin\Debug\covid 3.exe"

```
input x:3
input y:4
input z:5
The values are valid and perimeter = 12.000000

Process returned 0 (0x0)    execution time : 7.579 s
Press any key to continue.
```

```c
int main()
{
    int age;
    int cnt_baby = 0, cnt_school = 0, cnt_adult = 0;
    int count = 0;
    while(count < 20)
    {
        printf("Enter age of person[%d]:",count+1);
        scanf("%d", &age);
        if (age>=0 &&  age<=4)
            cnt_baby++;
        else if(age>=5 && age<=17)
            cnt_school++;
        else
            cnt_adult++;
        count++;
    }
    printf("age: %d\n ", cnt_baby);
    printf("school age: %d\n ", cnt_school);
    printf("adult age: %d\n ", cnt_adult);
}
```

```
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]:8
Enter age of person[11]:8
Enter age of person[12]:7
Enter age of person[13]:6
Enter age of person[14]:5
Enter age of person[15]:4
Enter age of person[16]:3
Enter age of person[17]:2
Enter age of person[18]:1
Enter age of person[19]:2
Enter age of person[20]:3
age: 10
 school age: 10
 adult age: 0

Process returned 0 (0x0)   execution time : 26.798 s
Press any key to continue.
```

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DEPT: MECHANICAL

MATRIC NO : 18/ENG06/056