converting days.c [Assignment Two] - Code::Blocks 17.12

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Assignment Two

Sources

converting days.c | distance of points.c | Triangle.c | Ages.c | Random Number.c

```
1  #include <stdio.h>
2  int main()
3  {
4      int convdat,years,yr,weeks,days;
5      printf("input value to be converted \n");
6      scanf("%d",&convdat);
7
8     years= convdat/365;
9     yr=convdat%365;
10    weeks=yr/7;
11    days=yr%7;
12
13    printf("%d converted is ",convdat);
14    printf("%d years " ,years);
15    printf("%d weeks " ,weeks);
16    printf("and %d days " ,days);
17 }
18
19
```

Logs & others

Code::Blocks | Search results | Cccc | Build log | Build messages | CppCheck/Vera++ | CppCheck/Vera++ messages | Cscope | Debugge

File	Line	Message


```
input value to be converted
1343
1343 converted is 3 years 35 weeks and 3 days
Process returned 0 (0x0)   execution time : 27.477 s
Press any key to continue.
```

distance of points.c [Assignment Two] - Code::Blocks 17.12

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```c
#include <stdio.h>
#include <math.h>
int main()
{
    float y1,x1,y2,x2,x,y,distance;
    printf("enter y-coordinate,y1 \n");
    scanf("%f",&y1);
    printf("enter y-coordinate,y2 \n");
    scanf("%f",&y2);
    printf("enter x-coordinate,x1 \n");
    scanf("%f",&x1);
    printf("enter x-coordinate,x1 \n");
    scanf("%f",&x2);

    x=(x2-x1)*(x2-x1);
    y=(y2-y1)*(y2-y1);
    distance=sqrt(x+y);

    printf("The distance between the two points is %.2f",distance);
}
```

Logs & others

Code::Blocks | Search results | Cccc | Build log | Build messages | CppCheck/Vera++ | CppCheck/Vera++ messages | Cscope | Debugge

File	Line	Message


```
enter y-coordinate,y1
64
enter y-coordinate,y2
36
enter x-coordinate,x1
16
enter x-coordinate,x1
25
The distance between the two points is 29.41
Process returned 0 (0x0)   execution time : 23.421 s
Press any key to continue.
```

Triangle.c [Assignment Two] - Code::Blocks 17.12

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Assignment Two

Sources

converting days.c | distance of points.c | Triangle.c | Ages.c | Random Number.c

```c
#include <stdio.h>
#include <math.h>
int main()
{
    float a,b,c,perimeter;
    printf("enter lenght of side,a \n");
    scanf("%f",&a);
    printf("enter lenght of side,b \n");
    scanf("%f",&b);
    printf("enter lenght of side,c \n");
    scanf("%f",&c);

    if (a+b>c&&a+c>b&&c+b>a)
    {
    perimeter=a+b+c;
    printf("The values for the triangle are valid \n");
    printf("The perimeter of triangle is %.2f",perimeter);
    }
    else
    {
        printf("Values for the triangle are invalid");
    }

}
```

Logs & others

Code::Blocks | Search results | Cccc | Build log | Build messages | CppCheck/Vera++ | CppCheck/Vera++ messages | Cscope | Debugge

File	Line	Message


```
enter lenght of side,a
5
enter lenght of side,b
7
enter lenght of side,c
3
The values for the triangle are valid
The perimeter of triangle is 15.00
Process returned 0 (0x0)   execution time : 21.893 s
Press any key to continue.
```

Ages.c - Code::Blocks 17.12

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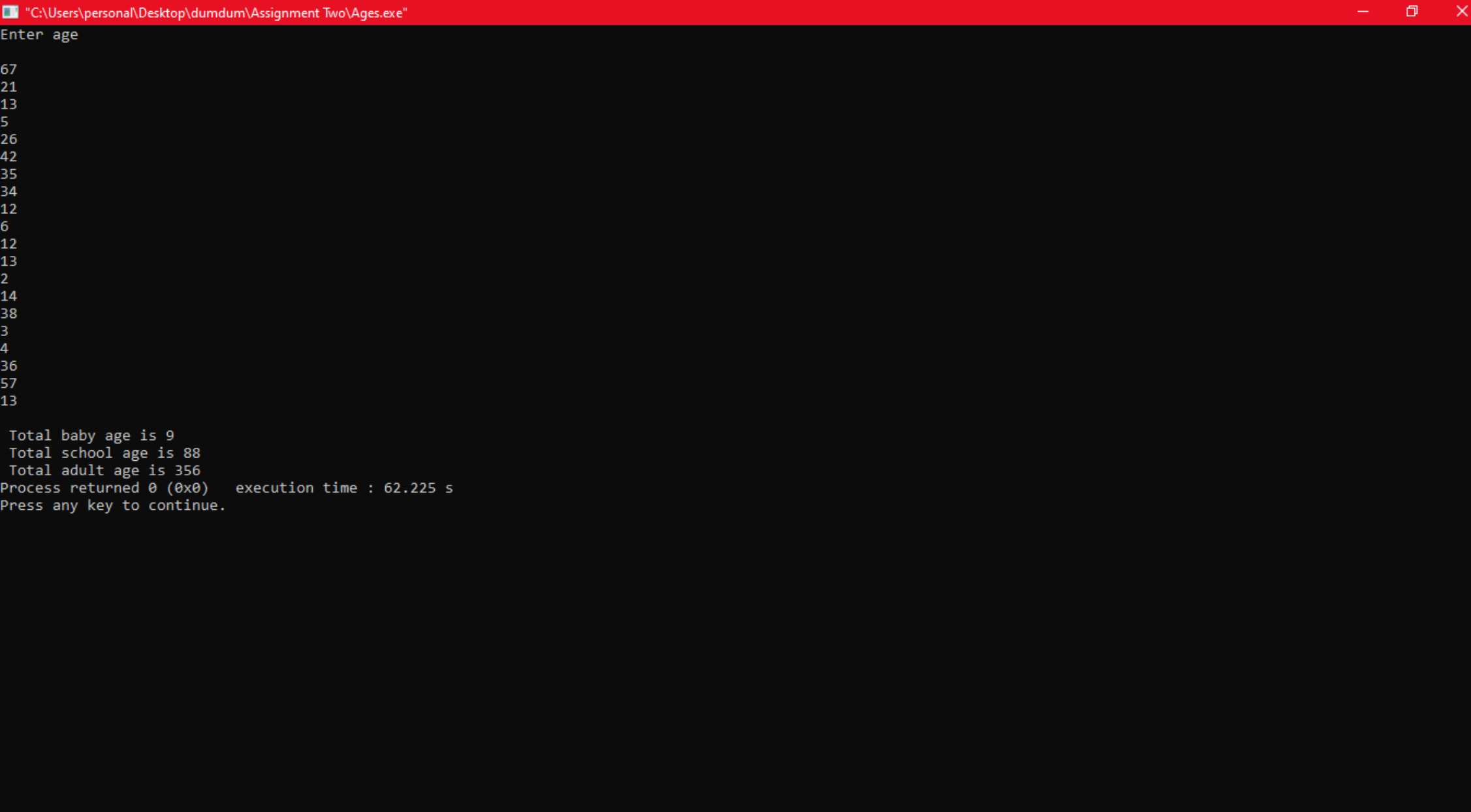
Start here | Ages.c

```c
#include <stdio.h>
int main()
{
    int people=1,age,babage=0,adulage=0,schoolage=0;

    printf("Enter age \n\n");

   while (people<=20)
    {
        scanf("%d",&age);

        if (age<5)
          {
              babage=babage+age;
          }
        else if (age>17)
        {
            adulage=adulage+age;
        }
        else
        {
            schoolage=schoolage+age;
        }
      people++;
       }
       printf("\n Total baby age is %d",babage);
       printf("\n Total school age is %d",schoolage);
       printf("\n Total adult age is %d",adulage);
}
```


"C:\Users\personal\Desktop\dumdum\Assignment Two\Ages.exe"
Enter age
67
21
13
5
26
42
35
34
12
6
12
13
2
14
38
3
4
36
57
13
Total baby age is 9
Total school age is 88
Total adult age is 356
Process returned 0 (0x0) execution time : 62.225 s
Press any key to continue.

*Random Number.c [Assignment Two] - Code::Blocks 17.12

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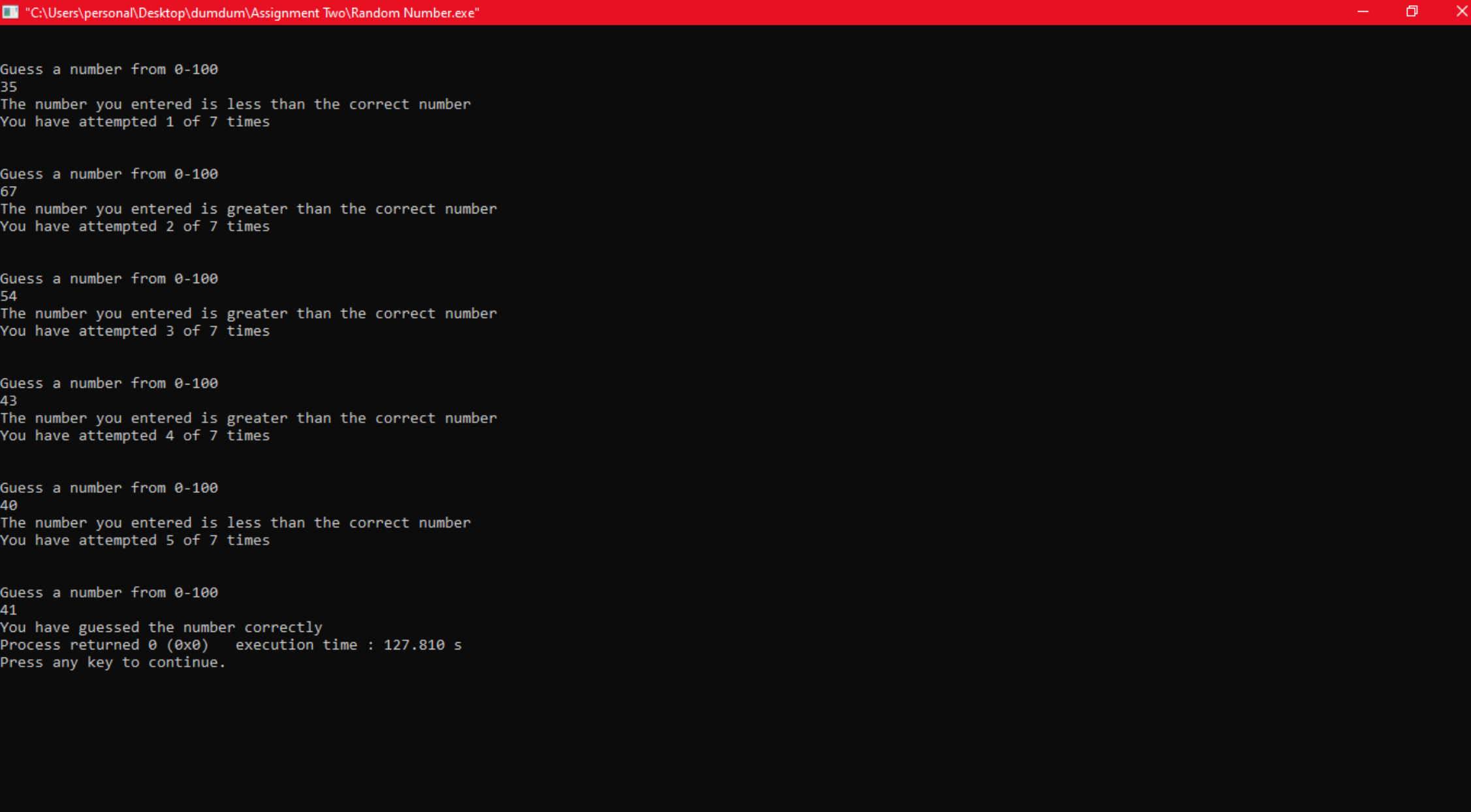
converting days.c | distance of points.c | Triangle.c | Ages.c | *Random Number.c

```c
#include <stdio.h>
#include <stdlib.h>
 int main()
 {
 int randnum,tries=1,num;
 randnum=rand()%100;
 while (tries<=7)
 {
    printf("\n \nGuess a number from 0-100 \n");
    scanf("%d",&num);
        if (randnum==num)
 {
     printf("You have guessed the number correctly");
     break;
 }
    else
    {
    if (num<randnum)
    {
        printf("The number you entered is less than the correct number \n");
        printf("You have attempted %d of 7 times \n",tries);
    }
    else
    {
        printf("The number you entered is greater than the correct number \n");
        printf("You have attempted %d of 7 times \n",tries);
    }

    if (tries==7)
    {
         printf("\nYou have attempted seven times and have failed to guess the number correctly,Better Luck next time!");
    }
    tries++;
    }
 }
 }
```


"C:\Users\personal\Desktop\dumdum\Assignment Two\Random Number.exe"
Guess a number from 0-100
35
The number you entered is less than the correct number
You have attempted 1 of 7 times
Guess a number from 0-100
67
The number you entered is greater than the correct number
You have attempted 2 of 7 times
Guess a number from 0-100
54
The number you entered is greater than the correct number
You have attempted 3 of 7 times
Guess a number from 0-100
43
The number you entered is greater than the correct number
You have attempted 4 of 7 times
Guess a number from 0-100
40
The number you entered is less than the correct number
You have attempted 5 of 7 times
Guess a number from 0-100
41
You have guessed the number correctly
Process returned 0 (0x0) execution time : 127.810 s
Press any key to continue.