

"C:\Users\user\Desktop\C Programs\online assignment q5\bin\Debug\online assignment q5.exe"

You are to guess a number between 0 and 100

You have 7 trials left.

Please pick a number : 12

Sorry, your guess is incorrect and less than the correct number. Please guess again.

You have 6 trials left.

Please pick a number : 34

Sorry, your guess is incorrect and greater than the correct number. Please guess again.

You have 5 trials left.

Please pick a number : 42

Sorry, your guess is incorrect and greater than the correct number. Please guess again.

You have 4 trials left.

Please pick a number : 23

Sorry, your guess is incorrect and less than the correct number. Please guess again.

You have 3 trials left.

Please pick a number : 29

Sorry, your guess is incorrect and greater than the correct number. Please guess again.

You have 2 trials left.

Please pick a number : 26

Bravo! You have guessed the number correctly.

Process returned 0 (0x0) execution time : 46.148 s

Press any key to continue.

main.c [online assignment q5] - Code::Blocks 17.12

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

Debug

Management

Projects Symbols Files

Workspace

- Online assignment q1
 - Sources
 - main.c
- online ass q2
 - Sources
 - main.c
- online ass q3
 - Sources
 - main.c
- Online ass q4
 - Sources
 - main.c
- online assignment q5
 - Sources
 - main.c

```
1  #include <stdio.h>
2  #include <stdlib.h>
3
4
5  int main()
6  {
7      srand (time(NULL));
8      int count=1, Number, Trials=7, Random_number = rand()%100;
9      printf ("You are to guess a number between 0 and 100 \n");
10     while (count <= 7){
11         printf ("\n You have %d trials left.", Trials);
12         printf ("\n Please pick a number : ");
13         scanf ("%d", &Number);
14         if (Number==Random_number){
15             printf ("Bravo! You have guessed the number correctly.");
16             break;
17         }
18         if (Number > Random_number && count < 7){
```

Logs & others

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

File	Line	Message
		=== Build: Debug in online assignment q5 (compiler: GNU GCC Compiler) ===
C:\Users\user\...		In function 'main':
C:\Users\user\...	7	warning: implicit declaration of function 'time' [-Wimplicit-function-declaration]
		=== Build finished: 0 error(s), 1 warning(s) (0 minute(s), 3 second(s)) ===
		=== Run: Debug in online assignment q5 (compiler: GNU GCC Compiler) ===

C:\Users\user\Desktop\C Programs\online assignment q5\C/C++ Windows (CR+LF) WINDOWS-1252 Line 8, Col 63, Pos 147 Insert Read/Write default

Type here to search

4:34 PM 4/27/2020

Workspace

- Online assignment q1
 - Sources
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- online ass q3
 - Sources
 - main.c
- Online ass q4
 - Sources
 - main.c
- online assignment q5
 - Sources
 - main.c

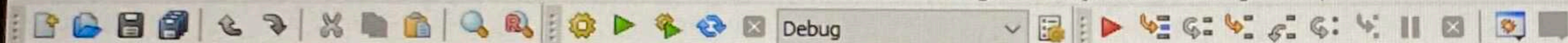
```

15         printf ("Bravo! You have guessed the number correctly.");
16         break;
17     }
18     if (Number > Random_number && count < 7){
19         printf ("Sorry, your guess is incorrect and greater than the correct number. Please guess again.");
20     }
21     if (Number < Random_number && count < 7){
22         printf ("Sorry, your guess is incorrect and less than the correct number. Please guess again.");
23     }
24     if (count==7){
25         printf ("You have run out of trials and were unable to guess correctly. Better luck next time!");
26     }
27     count ++;
28     Trials --;
29 }
30 return 0;
31 }
32

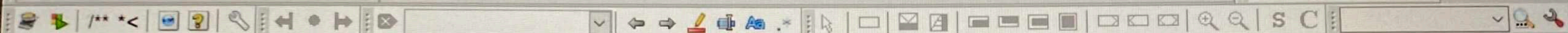
```

Logs & others

File	Line	Message
		=== Build: Debug in online assignment q5 (compiler: GNU GCC Compiler) ===
C:\Users\user\...		In function 'main':
C:\Users\user\... 7		warning: implicit declaration of function 'time' [-Wimplicit-function-declaration]
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<global> main() : int



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 - Sources
 - main.c
 - online assignment q5
 - Sources
 - main.c

```

1  #include <stdio.h>
2  #include <stdlib.h>
3
4  int main()
5  {
6      int x1, y1, x2, y2;
7      float Distance;
8      printf ("\n The value of x1: ");
9      scanf ("%d", &x1);
10     printf ("\n The value of x2: ");
11     scanf ("%d", &x2);
12     printf ("\n The value of y1: ");
13     scanf ("%d", &y1);
14     printf ("\n The value of y2: ");
15     scanf ("%d", &y2);
16     Distance = (((x2-x1)*(x2-x1))+((y2-y1)*(y2-y1)));
17     printf ("\n Distance between the points :%.2f", sqrt(Distance));
18     return 0;

```

Logs & others

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

File	Line	Message
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C:\Users\user\...		In function 'main':
C:\Users\user\...	7	warning: implicit declaration of function 'time' [-Wimplicit-function-declaration]
		=== Build finished: 0 error(s), 1 warning(s) (0 minute(s), 3 second(s)) ===
		=== Run: Debug in online assignment q5 (compiler: GNU GCC Compiler) ===

C:\Users\user\Desktop\C Programs\online ass q2\main.c C/C++

Windows (CR+LF)

WINDOWS-1252

Line 12, Col 37, Pos 264

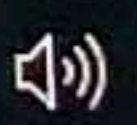
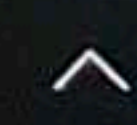
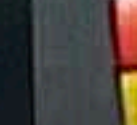
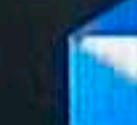
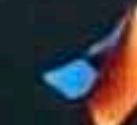
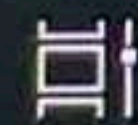
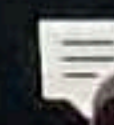
Insert

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default



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4/27/2020

2

"C:\Users\user\Desktop\C Programs\online ass q2\bin\Debug\online ass q2.exe"

The value of x1: 4

The value of x2: 5

The value of y1: 7

The value of y2: 10

Distance between the points :3.16

Process returned 0 (0x0) execution time : 19.575 s

Press any key to continue.

----- Run: Debug in online ass q2 (compiler: GNU GCC Compiler)-----

Checking for existence: C:\Users\user\Desktop\C Programs\online ass q2\bin\Debug\online ass q2.exe
Executing: "C:\Program Files (x86)\CodeBlocks\cb_console_runner.exe" "C:\Users\user\Desktop\C Programs\online ass q2\bin\Debug\online ass q2.exe"
(in C:\Users\user\Desktop\C Programs\online ass q2\.)

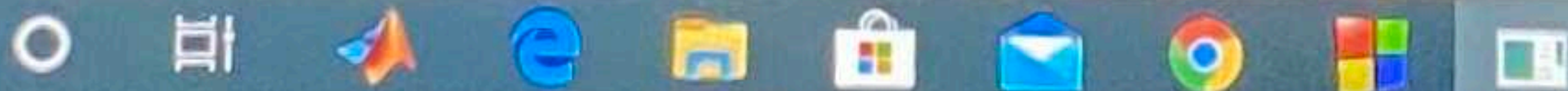
C/C++

Windows (CR+LF)

WINDOWS-1252

Line 12, Col 20, Pos 247

Type here to search



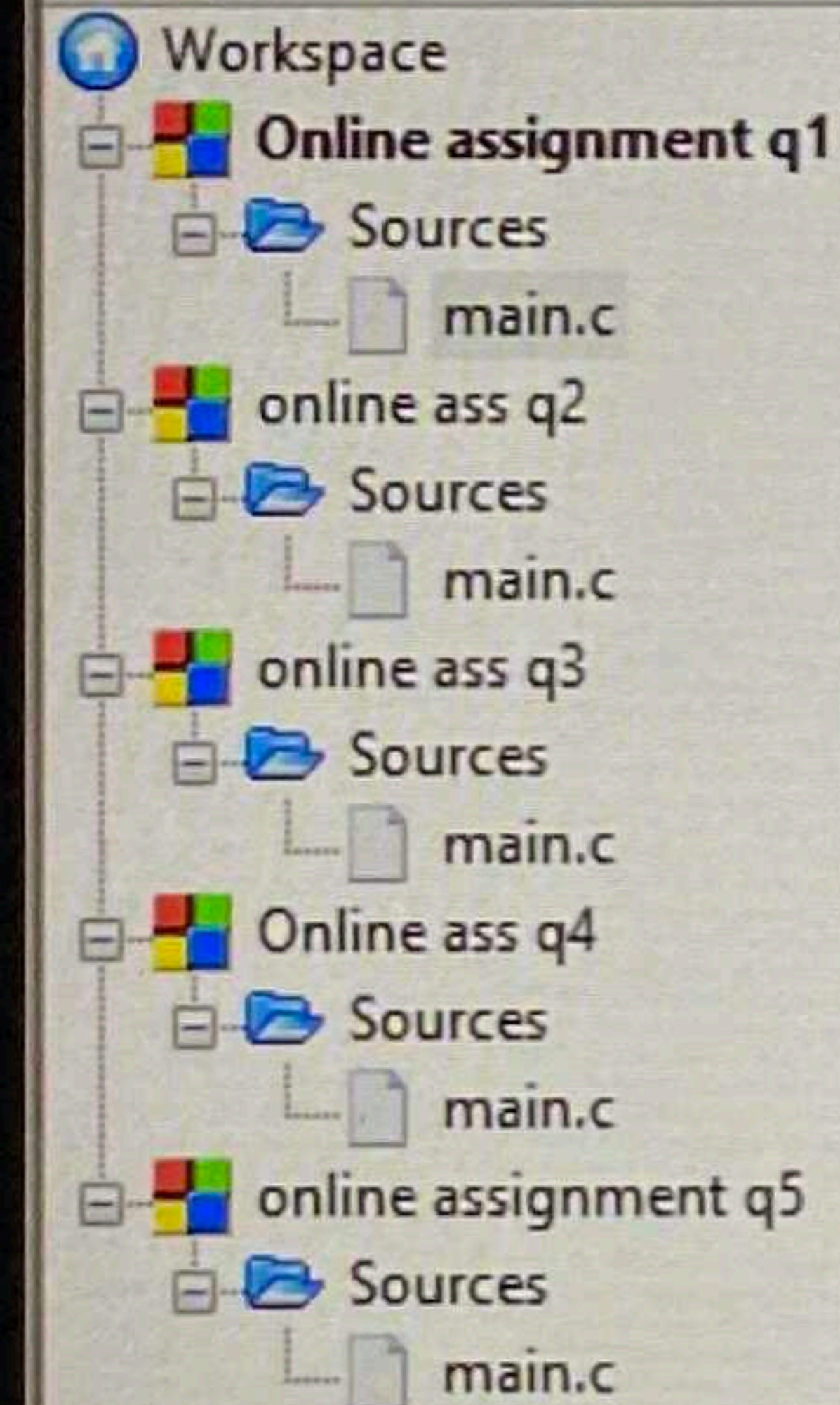


<global> main() : int



Management

Projects Symbols Files

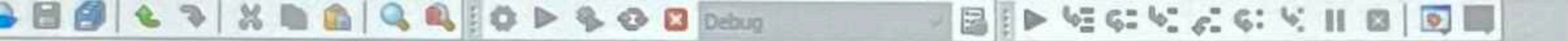


main.c x main.c x main.c x main.c x main.c x

```
1  #include <stdio.h>
2  #include <stdlib.h>
3
4  int main()
5  {
6      int days;
7      float weeks, years;
8      days = 1343;
9      weeks = days/7;
10     years = weeks/52;
11     printf("\n Days:%d", days);
12     printf ("\n Weeks:%.2f", weeks);
13     printf ("\n Years:%.2f", years);
14     return 0;
15 }
16
```

Logs & others



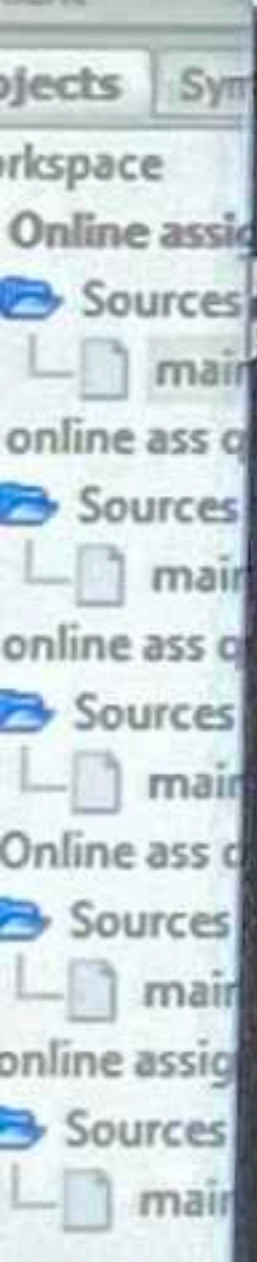


al> main() : int



"C:\Users\user\Desktop\C Programs\Online assignment q1\bin\Debug\Online assignment q1.exe"

```
Days:1343  
Weeks:191.00  
Years:3.67  
Process returned 0 (0x0)   execution time : 0.015 s  
Press any key to continue.
```




```
4     int main()
5     (
6         float a, b, c, Perimeter;
7         printf ("\n Read the first number: ");
8         scanf ("%f", &a);
9         printf ("\n Read the second number: ");
10        scanf ("%f", &b);
11        printf ("\n Read the third number: ");
12        scanf ("%f", &c);
13        if ((b+c)>a && (a+c)>b && (a+b)>c)
14        {
15            Perimeter = a+b+c;
16            printf ("\n The perimeter of the triangle:%.2f", Perimeter);
17        }
18        else { printf ("\n A triangle can't be created using the values given.");}
19        return 0;
20    }
21
```


"C:\Users\user\Desktop\C Programs\online ass q3\bin\Debug\online ass q3.exe"

Read the first number: 3

Read the second number: 6

Read the third number: 7

The perimeter of the triangle:16.00

Process returned 0 (0x0) execution time : 6.066 s

Press any key to continue.


```
main.c X main.c X main.c X main.c X
9      while (count<20)
10     {
11         printf ("Enter age of person[%d]: ", count+1);
12         scanf ("%d", &Age);
13         if (Age>=0 && Age<=4)
14             babycount++;
15         else if (Age>=5 && Age<=17)
16             schoolcount++;
17         else
18             adultcount++;
19         count++;
20     }
21     printf ("Baby age number:%d \n", babycount);
22     printf ("School age number: %d \n", schoolcount);
23     printf ("Adult age number : %d \n", adultcount);
24     return 0;
25 }
26
```


"C:\Users\user\Desktop\C Programs\Online ass q4\bin\Debug\Online ass q4.exe"

```
<global>
Enter age of person[1]: 12
Enter age of person[2]: 22
Enter age of person[3]: 1
Enter age of person[4]: 2
Enter age of person[5]: 4
Enter age of person[6]: 6
Enter age of person[7]: 7
Enter age of person[8]: 8
Enter age of person[9]: 3
Enter age of person[10]: 4
Enter age of person[11]: 99
Enter age of person[12]: 22
Enter age of person[13]: 4
Enter age of person[14]: 5
Enter age of person[15]: 24
Enter age of person[16]: 3
Enter age of person[17]: 5
Enter age of person[18]: 66
Enter age of person[19]: 23
Enter age of person[20]: 16
Baby age number:7
School age number: 7
Adult age number : 6
```

```
Process returned 0 (0x0)   execution time : 25.187 s
Press any key to continue.
```