

```
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 int main() {
5     float x, y, z, P, A;
6     printf("\nInput the first number: ");
7     scanf("%f", &x);
8     printf("\nInput the second number: ");
9     scanf("%f", &y);
10    printf("\nInput the third number: ");
11    scanf("%f", &z);
12
13    if(x < (y+z) && y < (x+z) && z < (y+x))
14    {
15        P = x+y+z;
16        printf("\nPerimeter = %.1f\n", P);
17    }
18    else
19    {
20
21
```

Build messages: Build: Debug in Owo Ememobong Johnson 18/eng08/018 (3) (compiler: GNU GCC Compiler...)

```
Input x1: 45
Input y1: 89
Input x2: 21
Input y2: 78
6
Distance between the said points: 94.9210
Process returned 0 (0x0) execution time : 12.774 s
Press any key to continue.
```

Run: De...
Checking for existence...
Executing: "C:\Program...
\018.exe" (in C:\Users\Hamza\OneDrive\Documents\18/eng08/018)

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18/eng09/003

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```
2 #include <stdlib.h>
3
4 int main() {
5     float x1, y1, x2, y2, gdistance;
6     printf("Input x1: ");
7     scanf("%f", &x1);
8     printf("Input y1: ");
9     scanf("%f", &y1);
10    printf("Input x2: ");
11    scanf("%f", &x2);
12    printf("Input y2: ");
13    scanf("%f", &y2);
14    gdistance = ((x2-x1)*(x2-x1)+((y2-y1)*(y2-y1));
15    printf("Distance between the said points: %.4f", sqrt(gdistance));
16    printf("\n");
17    return 0;
18
19
20
21
```

Build messages

File	Line	Message
C:\Users\Emeka...	15	warning: implicit declaration of function 'sqrt' [-Wimplicit-function-declaration]
C:\Users\Emeka...	15	warning: incompatible implicit declaration of built-in function 'sqrt'
C:\Users\Emeka...	15	note: include '<math.h>' or provide a declaration of 'sqrt'
C:\Users\Emeka...	17	error: expected declaration or statement at end of input

Build failed: 1 error(s), 3 warning(s) (0 minute(s), 0 second(s)) ==

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```
----- Run: Debug in Owo Ememobong Johnson 18/eng08/018 (compiler: GNU GCC Compiler)-----
Checking for existence: C:\Users\Emeka\Desktop\018\Owo Ememobong Johnson 18\eng08\bin\Debug\Owo Ememobong Johnson 18\eng08\018.exe
Executing: "C:\Program Files (x86)\CodeBlocks\cb_console_runner.exe" "C:\Users\Emeka\Desktop\018\Owo Ememobong Johnson 18\eng08\bin\Debug\Owo Ememobong Johnson 18\eng08\018.exe"
(in C:\Users\Emeka\Desktop\018\Owo Ememobong Johnson 18\eng08\.)

Process returned 0 (0x0)   execution time: 0.016 s
Press any key to continue.
```

Run: Debug in Owo Ememobong Johnson 18/eng08/018 (compiler: GNU GCC Compiler)

Process returned 0 (0x0) execution time: 0.016 s

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The screenshot shows a C++ program in a debugger. The code calculates the number of years, weeks, and days from a total number of days (1343). The output is: Years: 3, Weeks: 1, Days: 2.

```
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 int main()
5 {
6     int days, years, weeks;
7     days = 1343;
8     // Convert days to years, weeks and days
9     years = days/365;
10    weeks = (days % 365)/7;
11    days = days - ((years*365) + (weeks*7));
12
13    printf("Years: %d\n", years);
14    printf("Weeks: %d\n", weeks);
15    printf("Days: %d \n", days);
16
17    return 0;
18
19 }
```

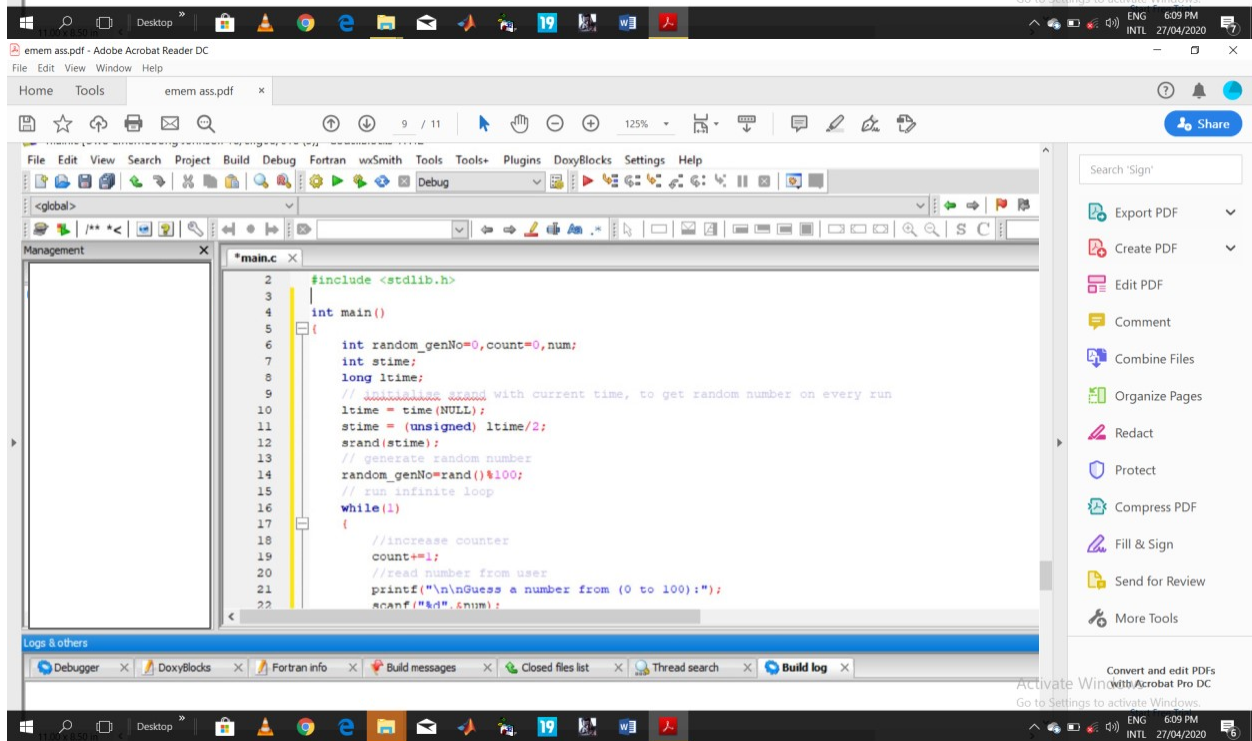
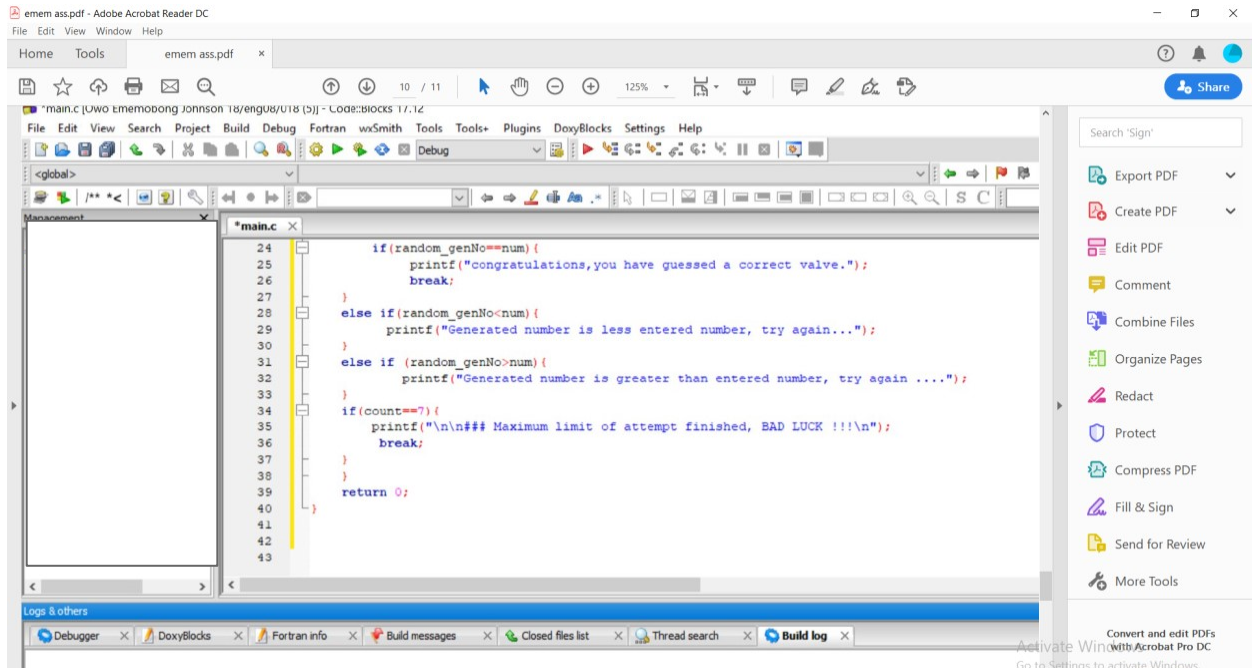
Debugger output: Run: Debug in Owo Ememobong Johnson 18/eng09/018 (compiler: GNU GCC Compiler)-----
Checking for existence: C:\Users\Emeka\Desktop\018\Owo Ememobong Johnson 18/eng09/018.exe
Executing: "C:\Program Files (x86)\CodeBlocks\cb_console_runner.exe" "C:\Users\Emeka\Desktop\018\Owo Ememobong Johnson 18/eng09/018.exe"
(in C:\Users\Emeka\Desktop\018\Owo Ememobong Johnson 18/eng09/018.exe)
Process terminated with status -1073741510 (0 minute(s) 3 second(s))

The screenshot shows a C++ program in a debugger. The code implements a number-guessing game where the user has a maximum of 10 attempts to guess a number between 0 and 100. The program generates a random number and provides feedback based on the user's guess. The output shows the user guessing 67, 90, 34, 89, 70, 32, and 50, all of which are incorrect. The program ends with the message: "### Maximum limit of attempt finished, BAD LUCK !!!".

```
##### Maximum limit of attempt finished, BAD LUCK !!!
Process returned 0 (0x0)   execution time : 17.094 s
Press any key to continue.
```

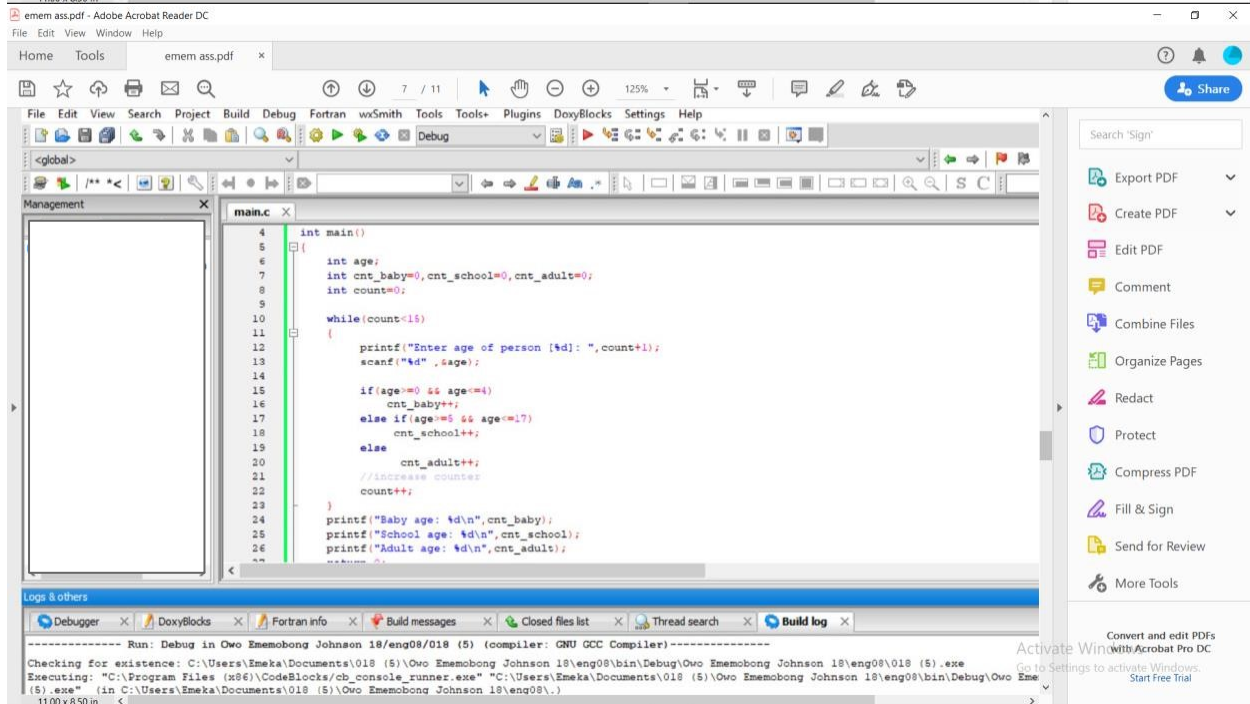
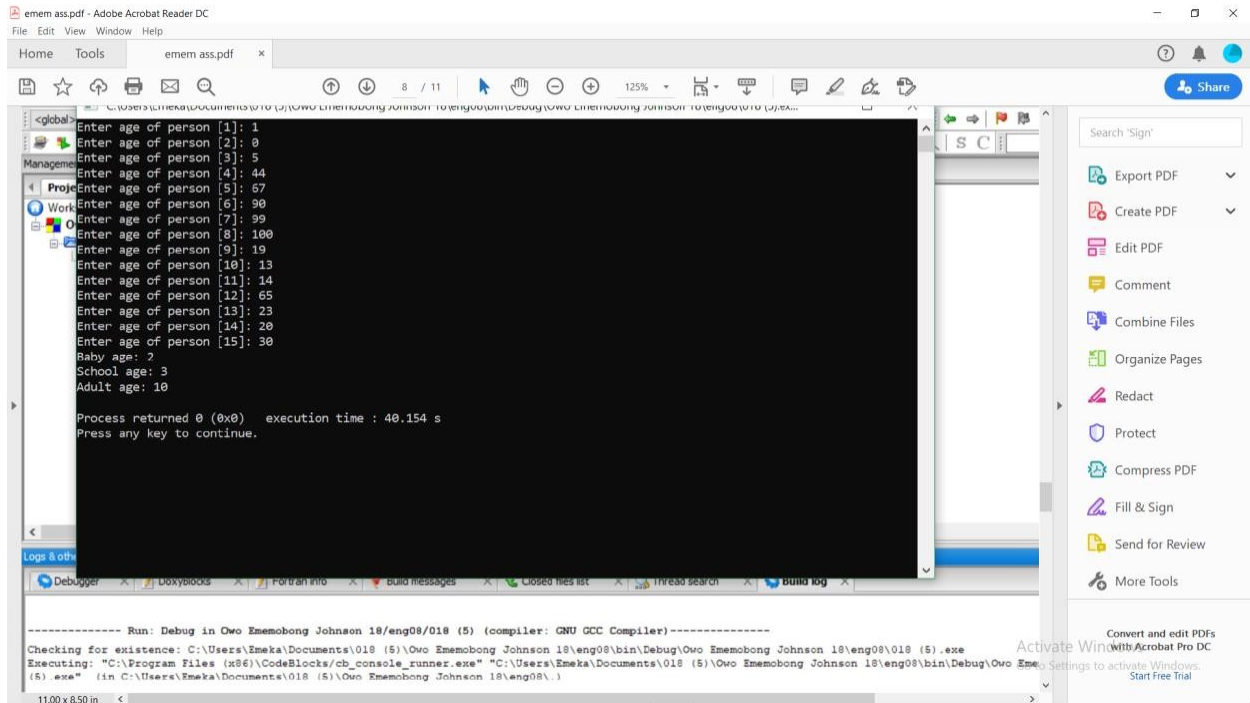
Debugger output: Run: D
Checking for existence: C:\Program Files (x86)\CodeBlocks\cb_console_runner.exe
Executing: "C:\Program Files (x86)\CodeBlocks\cb_console_runner.exe" "C:\Users\Emeka\Desktop\018\Owo Ememobong Johnson 18/eng09/018.exe"
(in C:\Users\Emeka\Desktop\018\Owo Ememobong Johnson 18/eng09/018.exe)

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```
Input the first number: 5
Input the second number: 3
Input the third number: 7

Perimeter = 15.0

Process returned 0 (0x0)   execution time : 18.333 s
Press any key to continue.
```

Logs & others
Debugger x

Run

Checking for exist...
Executing: "C:\Program Files (x86)\CodeBlocks\cb_console_runner.exe" "C:\Users\Emeka\Documents\018 (3)\Owo Ememobong Johnson 18\eng08\bin\Debug\Owo Eme (3).exe" (in C:\Users\Emeka\Documents\018 (3)\Owo Ememobong Johnson 18\eng08\.)

C:\Users\Emeka\Documents\018 (3)\Owo Ememobong J,C\C++ Windows (CR+LF) WINDOWS-1252 Line 3, Col 1, Pos 41 Insert Read/M

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