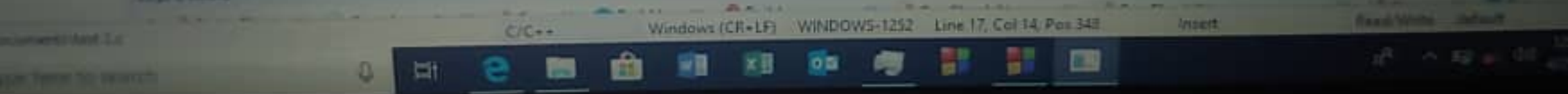
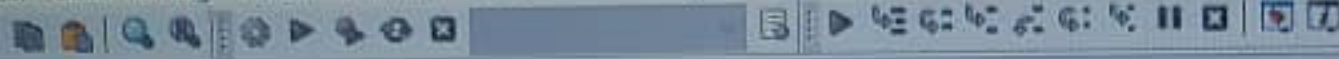


Abubakar Abdullahi
18/eng03/001
Civil engineering





main():int

Start here X test2.c X test3.c X test4.c X test5.c X test6.c X

```
1 #include <stdio.h>
2 #include <math.h>
3
4 int main()
5 {
6     float x1, y1, x2, y2, gdistance;
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    gdistance = ((x2-x1)*(x2-x1)) + ((y2-y1)*(y2-y1));
16    printf("Distance between the said points: %.4f", sqrt(gdistance));
17    printf("\n");
18    return 0;
19 }
20
```

```
C:\Users\Admin\Documents\test3.exe
Input x1: 25
Input y1: 20
Input x2: 15
Input y2: 10
Distance between the said points: 14.1421
Process returned 0 (0x0)   execution time : 22.548 s
Press any key to continue.
```

Logs & others

C/C--

Windows (CR+LF)

WINDOWS-1252

Line 18, Col 14, Pos 451

insert

Read/Write default

12:45 PM
4/27/2020

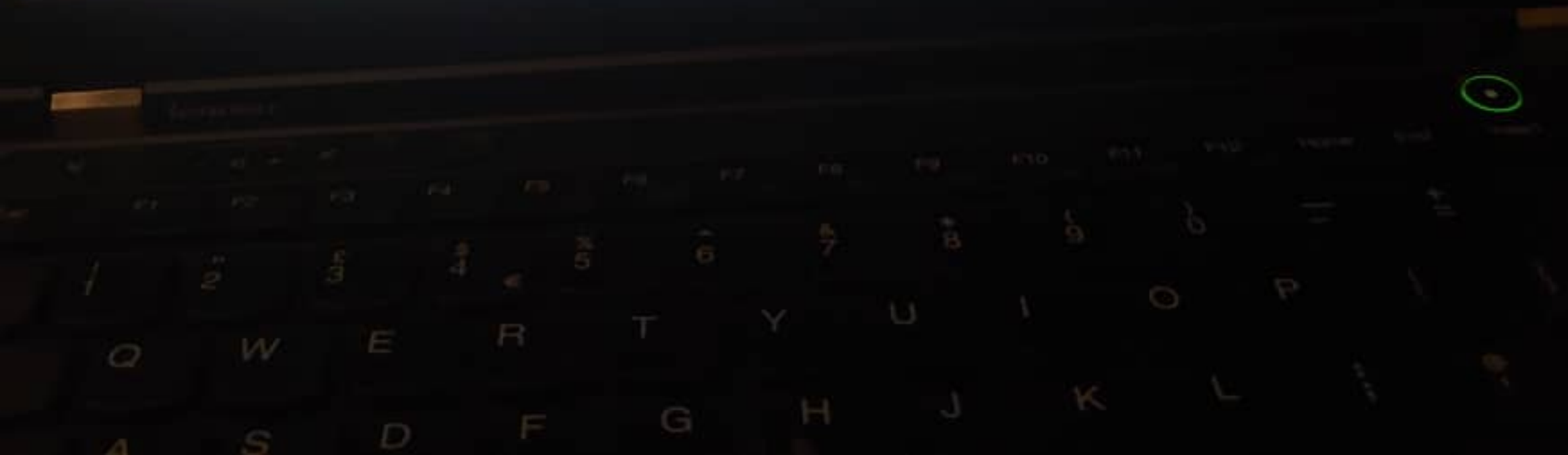
nts/test3.c

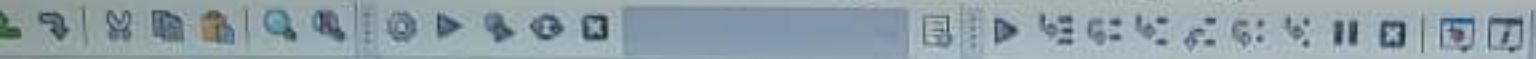
ere to search



```
1 #include <stdio.h>
2 int main()
3 {
4     float x, y, z, P, A;
5     printf("\ninput the first number: ");
6     scanf("%f", &x);
7     printf("\ninput the second number: ");
8     scanf("%f", &y);
9     printf("\ninput the third number: ");
10    scanf("%f", &z);
11
12    if(x < (y+z) && y < (x+z) && z < (y+x))
13    {
14        P = x+y+z;
15        printf("\nPerimeter = %.1f\n", P);
16    }
17    else
18    {
19        printf("Not possible to create a triangle...!");
20    }
21 }
22
23
```

```
C:\Users\Admin\Documents\test4.exe
Input the first number: 7
Input the second number: 3
Input the third number: 5
Perimeter = 15.0
Process returned 18 (0x12)   execution time : 15.636 s
Press any key to continue.
```





main(): int

Start here X test2.c X test3.c X test4.c X test5.c X

FSymbols

```

6   int count=0;
7
8   while(count<20)
9   |
10  |   printf("Enter age of person [%d]: ",count+1);
11  |   scanf("%d",&age);
12  |
13  |   if(age>0 && age<=5)
14  |       cnt_baby++;
15  |   else if(age>=6 && age<=17)
16  |       cnt_school++;
17  |   else
18  |       cnt_adult++;
19  |
20  |   count++;
21  |
22  |   printf("Baby age: %d\n",cnt_baby);
23  |   printf("School age: %d\n",cnt_school);
24  |   printf("Adult age: %d\n",cnt_adult);
25  |
26  |   return 0;
27

```

C:\Users\Admin\Documents\test5.exe

```

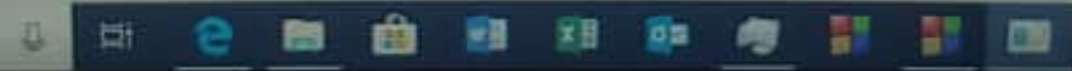
Enter age of person [1]: 0
Enter age of person [2]: 1
Enter age of person [3]: 2
Enter age of person [4]: 3
Enter age of person [5]: 4
Enter age of person [6]: 5
Enter age of person [7]: 6
Enter age of person [8]: 7
Enter age of person [9]: 8
Enter age of person [10]: 9
Enter age of person [11]: 10
Enter 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]: 16
Enter age of person [18]: 17
Enter age of person [19]: 18
Enter age of person [20]: 19
Baby age: 5
School age: 12
Adult age:
Process returned 0 (0x0)   execution time : 41.934 s
Press any key to continue.

```

Logs & others

Code-Blocks Search results Cccc Build log Build messages CppCheck/Ver

File	Line	Message
		--- Build file: "no target" in "no project" (compiler: unknown) ---
		--- Build finished: 0 error(s), 0 warning(s), 10 minute(s), 0 second(s) ---



FSymbols

Start here X test2.c X test3.c X test4.c X test5.c X test6.c X

```

1  #include <stdio.h>
2  #include <stdlib.h>
3  #include <time.h>
4
5  int main()
6  {
7      int random_genNo=0, count=0, num;
8      int stime;
9      long ltime;
10
11     ltime = time(NULL);
12     stime = (unsigned) ltime/2;
13     srand(stime);
14
15     random_genNo=rand()%100;
16
17     while(1)
18     {
19         count++;
20
21         printf("\n\nGuess a number from (0 to 100): ");
22         scanf("%d", &num);
23
24         if(random_genNo==num)
25         {
26             printf("Congratulations, you have guessed a c
27             break;
28         }
29         else if(random_genNo<num)
30         {
31             printf("Generated number is less than entered

```

C:\Users\Admin\Documents\test6.exe

```

Guess a number from (0 to 100): 3
Generated number is greater than entered number, try your luck again...

Guess a number from (0 to 100): 10
Generated number is less than entered number, try your luck again...

Guess a number from (0 to 100): 5
Congratulations, you have guessed a correct number.
Process returned 0 (0x0)   execution time : 24.084 s
Press any key to continue.

```

Logs & others

Documents\test6.c

C/C++ Windows (CR+LF) WINDOWS-1252 Link 19, Col 18, Pos 298 Insert Read/Write default

Type here to search

Taskbar area showing icons for File Explorer, Microsoft Edge, and other applications. System tray on the right shows the date and time: 12:42 PM 4/27/2020.

