

```

1 //NANCY CHIDIMMA
2 //18/ENG07/012
3 //PETROLEFUM
4
5 #include <stdio.h>
6 int main ()
7 {
8     int age;
9     int cnt_baby=0, cnt_school=0, cnt_adult=0;
10    int count=0;
11
12    while(count<20)
13    {
14        printf(" Enter age of person [%d]: ", count+1);
15        scanf("%d", &age);
16        if (age>=0 && age<=4)
17            cnt_baby++;
18        else if (age>=5 && age<=17)
19            cnt_school++;
20        else
21            cnt_adult++;
22        count++;
23    }
24    printf("Baby age: %d\n", cnt_baby);
25    printf("school age: %d\n", cnt_school);
26    printf("Adult age: %d\n", cnt_adult);
27    return 0;
28
29 }

```

```

Enter age of person [1]: 2
Enter age of person [2]: 4
Enter age of person [3]: 5
Enter age of person [4]: 6
Enter age of person [5]: 7
Enter age of person [6]: 8
Enter age of person [7]: 9
Enter age of person [8]: 9
Enter age of person [9]: 12
Enter age of person [10]: 14
Enter age of person [11]: 16
Enter age of person [12]: 18
Enter age of person [13]: 15
Enter age of person [14]: 33
Enter age of person [15]: 14
Enter age of person [16]: 66
Enter age of person [17]: 77
Enter age of person [18]: 88
Enter age of person [19]: 99
Enter age of person [20]: 123
Baby age: 2
school age: 10
Adult age: 8

```

```

Process returned 0 (0x0)   execution time : 35.839 s
Press any key to continue.

```

```
main.c X
1 //NANCYCHIDINMA
2 //18/ENG07/012
3 // PETROLEUM
4 #include <stdio.h>
5
6
7
8 int main()
9 {
10     int days, years, weeks;
11     days = 1343;
12
13     // converts days to years, weeks and days;
14     years = days/365;
15     weeks = (days % 365)/7;
16     days = days - ((years*365)+(weeks*7));
17
18     printf("years: %d\n", years);
19     printf("weeks: %d\n", weeks);
20     printf("Days: %d\n", days);
21
22     return 0;
23
24 }
```

```
C:\Users\LENOVO\Documents\2nd sem\c\lenovo_22-11-23\prog\prog.c
years: 3
weeks: 35
Days: 3
Process returned 0 (0x0)   execution time : 0.000 s
press any key to continue.
```

Logs & others

Code::Blocks X Ccc X Build log X Build messages X

```
1 // NANCYCHIDINMA
2 // 18/ENG07/012
3 // PETROLEUM
4
5 #include <stdio.h>
6 #include <math.h>
7
8 int main()
9 {
10     float x1, y1, x2, y2, distanceresult;
11     printf("input x1: ");
12     scanf("%f", &x1);
13     printf("input y1: ");
14     scanf("%f", &y1);
15     printf("input x2: ");
16     scanf("%f", &x2);
17     printf("input y2: ");
18     scanf("%f", &y2);
19     distanceresult = ((x2-x1)*(x2-x1))+((y2-y1)*(y2-y1));
20     printf("Distance between the points: %.4f", sqrt(distanceresult));
21     printf("\n");
22     return 0;
23
24 }
```

```
input x1: 22
input y1: 11
input x2: 14
input y2: 14
Distance between the points: 13.6015
Process returned 0 (0x0)   execution time : 7.819 s
press any key to continue.
```

Log: 3 others

Code::Blocks X Cccc X Build log X Build messages X CppCheck/Ver++ X CppCheck/Ver++ messages X Scope X Debugger X DoxyB

```
main.c X
1 //NANCYCHIDDINNA
2 //18/ENG07/012
3 //Petroleum
4
5 #include <stdio.h>
6 #include <stdlib.h>
7 #include <time.h>
8
9 int main()
10 {
11     int random_genNo=0, count=0, num;
12     int stime;
13     long ltime;
14     ltime = time(NULL);
15     stime = (unsigned) ltime/2;8
16     srand(stime);
17     random_genNo=rand()*100;
18     while(1)
19     {
20         count+=1;
21         printf("\n\nguess a number from (0 to 100): ");
22         scanf("%d",&num);
23         if (random_genNo== num) {
24             printf("congratulations, you have guessed the correct number."

```

```

Generated number is greater than the number you entered,try ag
ain....
Guess a number from (0 to 100): 44
Generated number is greater than the number you entered,try ag
ain....
Guess a number from (0 to 100): 35
Generated number is greater than the number you entered,try ag
ain....
Guess a number from (0 to 100): 66
Generated number is greater than the number you entered,try ag
ain....
Guess a number from (0 to 100): 77
Generated number is greater than the number you entered,try ag
ain....
Guess a number from (0 to 100): 88
Generated number is greater than the number you entered,try ag
ain....
### Maximum limit of attempt finished, BAD LUCK
Process returned 0 (0x0)   execution time : 15.765 s
Press any key to continue.

```

Code::Blocks X Ccc X Build log X Build messages X CppCheck/Vera++ X CppCheck/Vera++ messages X Scope X Debugger X Doxyblocks X Fortran info X

Windows (CR+LF) WINDOWS-1252 Line 15, Col 33, Pos 253

Insert Read/Write default

Activate Windows
Go to Settings to activate Windows.

```
1 // NANCYCHIDINMA
2 // 18/ENG07/012
3 // petroleum
4
5 #include <stdio.h>
6 int main() {
7     float x, y, z, Q;
8     printf("\ninput the first number: ");
9     scanf("%f", &x);
10    printf("\ninput the second number: ");
11    scanf("%f", &y);
12    printf("\ninput the third number: ");
13    scanf("%f", &z);
14
15    if(x < (y+z) && y < (x+z) && z < (y+x))
16        { Q = x+y+z;
17          printf(" A triangle can be created");
18          printf("\nPerimeter = %.1f\n", Q);
19        }
20    else
21        { printf(" A triangle can not be created...!\n");
22        }
23
24 }
```

```
Input the first number: 5
Input the second number: 3
Input the third number: 7
A triangle can be created
Perimeter = 15.0
Process returned 0 (0x0)   execution time : 50.249 s
press any key to continue.
```