



```
1  #include <stdio.h>
2
3  int main()
4  {
5      int days, years, weeks;
6      printf("Enter days: ");
7      scanf("%d", &days);
8      years = (days / 365);
9      weeks = (days % 365) / 7;
10     days = days - ((years * 365) + (weeks * 7));
11
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
```

```
assignment.c - Code::Blocks 17.12
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
"\"C:\\Users\\Emmanuel Nwaohiri\\Documents\\assignment.exe\"
Enter days: 1343
YEARS: 3
WEEKS: 35
DAYS: 3
Process returned 0 (0x0)   execution time : 4.704 s
Press any key to continue.
```

```
Start here X assignment.c X assignment2.c X assignment 3.c X assignment 4.c X assignment 5.c X
1 #include <stdio.h>
2 #include <math.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
```

assignment2.c - Code::Blocks 17.12

"C:\Users\Emmanuel Nwaohiri\Documents\assignment2.exe"

Input x1: 12

Input y1: 23

Input x2: 45

Input y2: 56

Distance between the said points: 46.6690

Process returned 0 (0x0) execution time : 9.502 s

Press any key to continue.



Start here X assignment.c X assignment2.c X assignment 3.c X assignment 4.c X assignme

```
1  #include <stdio.h>
2  int main(){
3      float x, y, z, P, A;
4      printf("\nInput the first number: ");
5      scanf("%f", &x);
6      printf("\nInput the second number: ");
7      scanf("%f", &y);
8      printf("\nInput the third number: ");
9      scanf("%f", &z);
10
11     if(x < (y+z) && y < (x+z) && z < (y+x))
12     {
13         P = x+y+z;
14         printf("\nPerimeter = %.1f\n", P);
15     }
16     else
17     {
18         printf("Not possible to create a triangle..!");
19     }
20     return 0;
21 }
22
23
24
```

```
"C:\Users\Emmanuel Nwaohiri\Documents\assignment 3.exe"  
Sym  
Input the first number: 5  
Input the second number: 4  
Input the third number; 3  
Perimeter = 12.0  
Process returned 0 (0x0) execution time : 8.439 s  
Press any key to continue.
```



```

2  int main()
3  {
4      int age;
5      int cnt_baby=0,cnt_school=0,cnt_adult=0;
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<=4)
14             cnt_baby++;
15         else if(age>=5 && age<=17)
16             cnt_school++;
17         else
18             cnt_adult++;
19         count++;
20
21
22     }
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
28     return 0;
29
30
31
32

```


"C:\Users\Emmanuel Nwaohiri\Documents\Assignment 4.exe"

```
Enter age of person [1]: 5
Enter age of person [2]: 8
Enter age of person [3]: 9
Enter age of person [4]: 5
Enter age of person [5]: 76
Enter age of person [6]: 5
Enter age of person [7]: 4
Enter age of person [8]: 34
Enter age of person [9]: 5
Enter age of person [10]: 53
Enter age of person [11]: 4
Enter age of person [12]: 5
Enter age of person [13]: 3
Enter age of person [14]: 6
Enter age of person [15]: 4
Enter age of person [16]: 98
Enter age of person [17]: 76
Enter age of person [18]: 6
Enter age of person [19]: 6
Enter age of person [20]: 6
Baby age: 4
School age: 11
Adult age: 5
```

```
Process returned 0 (0x0)   execution time : 25.675 s
Press any key to continue,
```



```

1  #include <stdio.h>
2  int main()
3  {
4      int num, guess, tries = 0;
5      srand(time(0)); /*seed random number generator */
6      num = rand() % 100 + 1 ;
7      printf("Guess My Number\n\n");
8      do
9      {
10         printf("Enter a guess between 1 and 100 : ");
11         scanf("%d", &guess);
12         tries++;
13
14         if (guess > num)
15         {
16             printf("Too high!\n\n");
17         }
18         else if (guess < num)
19         {
20             printf("Too low!\n\n");
21         }
22         else
23         {
24             printf("\nCorrect! You got it in %d guess!\n", tries);
25         }
26     }while (guess !=num);
27     return 0;
28 }
29

```

"C:\Users\Emmanuel Nwaahin\Documents\Assignment 1.exe"

Guess My Number

Enter a guess between 1 and 100 : 4
Too low!

Enter a guess between 1 and 100 : 70
Too high!

Enter a guess between 1 and 100 : 4
Too low!

Enter a guess between 1 and 100 : 56
Too high!

Enter a guess between 1 and 100 : 3
Too low!

Enter a guess between 1 and 100 :