[UMAR SHAMWEEL MAKUN 18/ENG08/024 BIOMEDICAL] - Code::Blocks 17.12

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main() : int

main.c

```c
    ltime = time(NULL);
    stime = (unsigned) ltime/2;
    srand(stime);

    //generate random number
    random_genNo=rand()%1000;

    //run infinite loop
    while(1)
    {
        //increase counter
        count+=1;

        //read number from user
        printf("\n\nGuess a number from (0 to 1000): ");
        scanf("%d",&num);

        //compare entered number with generated number

        if(random_genNo==num){
            printf("Congratulations, you have guessed a correct number.");
            break;
        }
        else if(random_genNo<num){
            printf("Generated number is less than entered number, try your luck again...");
        }
        else if(random_genNo>num){
            printf("Generated number is greater than entered number, try your luck again...");
        }

        if(count==7){
            printf("\n\n### Maximum limit of attempt finished, BAD LUCK !!!\n");
            break;
        }
    }
    printf("Hello world!\n");
```

"C:\Users\Dell\Desktop\SHAM\024 BIOMEDICAL\UMAR SHAMWEEL MAKUN 18\ENG08\bin\Debu

```
Guess a number from (0 to 1000): 11
Generated number is greater than entered number, try your luck again...

Guess a number from (0 to 1000): 43
Generated number is greater than entered number, try your luck again...

Guess a number from (0 to 1000): 144
Generated number is greater than entered number, try your luck again...

Guess a number from (0 to 1000): 98
Generated number is greater than entered number, try your luck again...

Guess a number from (0 to 1000): 0
Generated number is greater than entered number, try your luck again...

Guess a number from (0 to 1000): 89
Generated number is greater than entered number, try your luck again...

Guess a number from (0 to 1000): 1
Generated number is greater than entered number, try your luck again...

### Maximum limit of atttempt finished, BAD LUCK !!!
Hello world!

Process returned 0 (0x0)   execution time : 19.818 s
Press any key to continue.
```

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main() : int

main.c

```c
{
    int age;
    int cnt_baby,cnt_school=0,cnt_adult=0;
    int count=0;
    while(count<15)
    {
        printf("enter age of person [%d]: ",count+1);
        scanf("%d", &age);
        if(age>=0 &&age<=5)
            cnt_baby++;
        else if(age>=6 && age<=17)
            cnt_school++;
        else
            cnt_adult++;
        //increase counter
        count++;
    }
    printf("baby age: %d\n" ,cnt_baby);
    printf("school age: %d\n" ,cnt_school);
    printf("adult age: %d\n" ,cnt_adult);
    printf("Hello world!\n");
    return 0;
}
```

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```
enter age of person [1]: 12
enter age of person [2]: 32
enter age of person [3]: 12
enter age of person [4]: 32
enter age of person [5]: 22
enter age of person [6]: 33
enter age of person [7]: 11
enter age of person [8]: 44
enter age of person [9]: 77
enter age of person [10]: 88
enter age of person [11]: 9
enter age of person [12]: 8
enter age of person [13]: 7
enter age of person [14]: 89
enter age of person [15]: 90
baby age: 130
school age: 6
adult age: 9
Hello world!

Process returned 0 (0x0)   execution time : 22.579 s
Press any key to continue.
```

Logs & others

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Debug

main() : int

Symbols Files

Workspace

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Sources

main.c

main.c

```c
#include <stdio.h>
#include <stdlib.h>

int main()
{
    float x1, y1, x2, y2, distance;
    printf("input x1: ");
    scanf("%f", &x1);
    printf("input y1: ");
    scanf("%f", &y1);
    printf("input x2: ");
    scanf("%f", &x2);
    printf("input y2: ");
    scanf("%f", &y2);
    distance = ((x2-x1)*(x2-x1))+((y2-y1)*(y2-y1));
    printf("distance between the said points: %.4f", sqrt(distance));
    printf("\n");
    printf("Hello world!\n");
    return 0;
}
```

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```
input x1: 21
input y1: 3
input x2: 2
input y2: 4
distance between the said points: 19.0263
Hello world!

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

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main() : int

main.c

```c
#include <stdio.h>
#include <stdlib.h>

int main()
{
    float x, y, z, P, A;
     printf("\ninput the first number: ");
     scanf("%f", &x);
     printf("\ninput the second number: ");
     scanf("%f", &y);
     printf("\ninput the third number: ");
     scanf("%f", &z);
     if(x<(y+z)&&y<(x+z)&&z<(y+z))
     {
         P = x+y+z;
         printf("\nperimeter = %lf\n", P);
     }
     else
     {
         printf("not possible to create a triangle..!");
     }
     printf("Hello world!\n");
     return 0;
```

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```
input the first number: 5

input the second number: 7

input the third number: 3

perimeter = 15.000000
Hello world!

Process returned 0 (0x0)   execution time : 31.059 s
Press any key to continue.
```

main.c [UMAR SHAMWEEL MAKUN 18/ENG08/024 BIOMEDICAL] - Code::Blocks 17.12

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Debug

<global> | main() : int

Management

Projects Symbols Files

Workspace

UMAR SHAMWEEL MAKUN

Sources

main.c

main.c

```c
#include <stdio.h>
#include <stdlib.h>

int main()
{
    int days, years, weeks;
    days=1343;
    years=days/365;
    weeks=(days % 365)/7;
    days=days-((years*365)+(weeks*7));
    printf("Years: %d\n", years);
    printf("Weeks: %d\n", weeks);
    printf("Days: %d\n", days);
    printf("Hello world!\n");
    return 0;
}
```

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```
Years: 3
Weeks: 35
Days: 3
Hello world!

Process returned 0 (0x0)   execution time : 0.344 s
Press any key to continue.
```