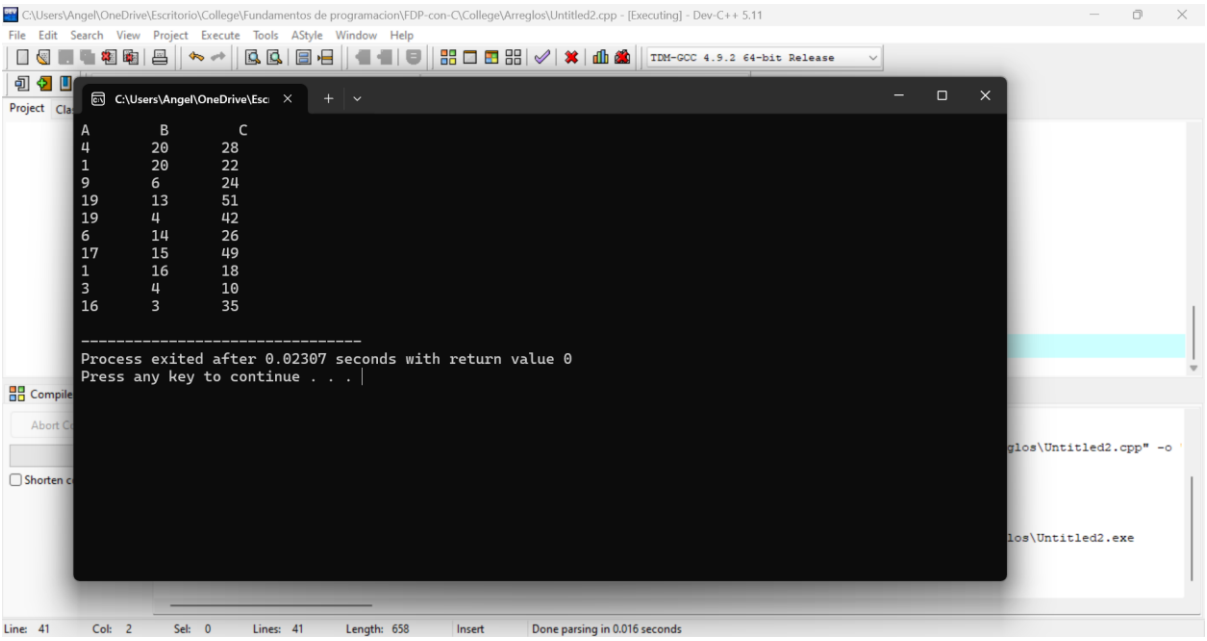
```cpp
//Ejercicio 1.
// Created by Angel on 11/8/2024.
//

#include <iostream>
#include <windows.h>
#include <time.h>

using namespace std;

int A[10], B[10], C[10];

int fill() {
    for (int i = 0; i < 10; i++) {
        A[i] = 1 + rand() % 20;
        B[i] = 1 + rand() % 20;
    }
}

int calculate() {
    for(int i = 0; i < 10; i++) {
        C[i] = (2 * A[i]) + B[i];
    }
}

int print() {
    cout << "A \t B\t  C\n";

    for(int i = 0; i < 10; i++) {
        cout << A[i] << "\t" << B[i] << "\t" << C[i] << endl;
    }
}




int main() {
    srand(time(NULL));
    fill();
    calculate();
    print();

    return 0;
}
```


C:\Users\Angel\OneDrive\Escritorio\College\Fundamentos de programacion\FDP-con-C\College\Arreglos\Untitled2.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
C:\Users\Angel\OneDrive\Esc
A B C
4 20 28
1 20 22
9 6 24
19 13 51
19 4 42
6 14 26
17 15 49
1 16 18
3 4 10
16 3 35
Process exited after 0.02307 seconds with return value 0
Press any key to continue . . .
Line: 41 Col: 2 Sel: 0 Lines: 41 Length: 658 Insert Done parsing in 0.016 seconds

Ejercicio 2

```cpp
//
// Created by Angel on 11/8/2024.
//

#include <iostream>
#include <time.h>
#include <iomanip>

//Procesamiento de kronke

using namespace std;

float toneladasPorMes[12];
float promedio = 0;
int  mesSuperior= 0 , mesInferior = 0;
void llenarCosechas() {
    for(int i = 0; i < 12; i++) {
        toneladasPorMes[i]=1000 + rand() % 4000;
    }
}

void calcularPromedioCosecha() {
    cout<<"Calculando el promedio de las cosechas.... \n";

    for (int i = 0; i < 12; i++) {
        promedio += toneladasPorMes[i];
    }
    promedio = promedio/12;
}

void cosechaInferiorSuperior() {
    for(int i = 0; i < 12; i++) {
        if(toneladasPorMes[i] < promedio) {
            mesInferior ++;
        }

        if(toneladasPorMes[i] > promedio) {
            mesSuperior ++;
        }
    }
}

void printDatos() {
    cout << "+---------+------------------+\n";
    cout << "|   Mes   | Toneladas por Mes |\n";
```

```
    cout << "+---------+-----------------+\n";

    for (int i = 0; i < 12; i++) {
        cout << "| " << setw(7) << (i + 1) << " | " << setw(15) <<
toneladasPorMes[i] << " |\n";
    }

    cout << "+---------+-----------------+\n";

    cout << "Promedio de cosechas:\n" << promedio << endl;
    cout << "Meses con cosecha inferior al promedio: " << mesInferior << endl;
    cout << "Meses con cosecha superior al promedio: " << mesSuperior << endl;

}

int main () {
    srand(time(NULL));
    llenarCosechas();
    calcularPromedioCosecha();
    cosechaInferiorSuperior();
    printDatos();
    return 0;
}
```