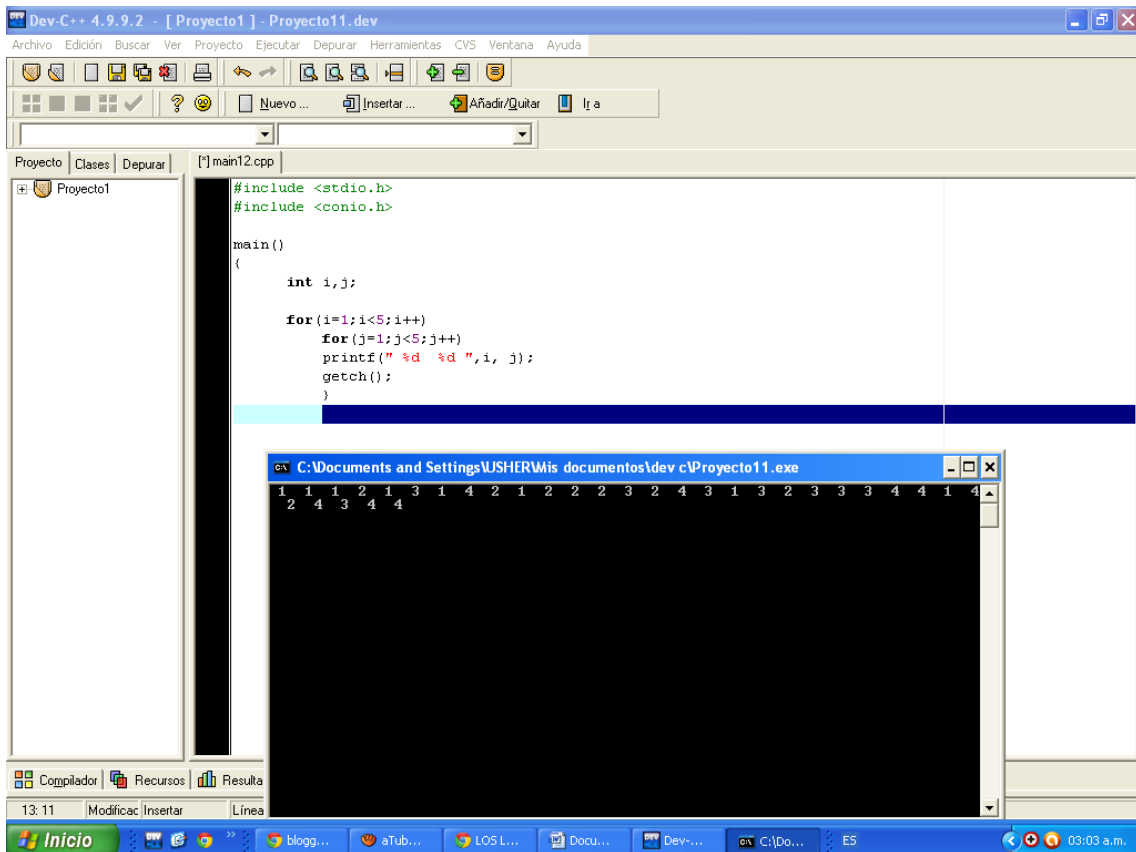


Ejemplo 1 for anidado



The screenshot shows the Dev-C++ IDE with a C++ program in main2.cpp. The program uses two nested for loops to print a grid of numbers. The output window shows the result of the program's execution.

```
#include <stdio.h>
#include <conio.h>

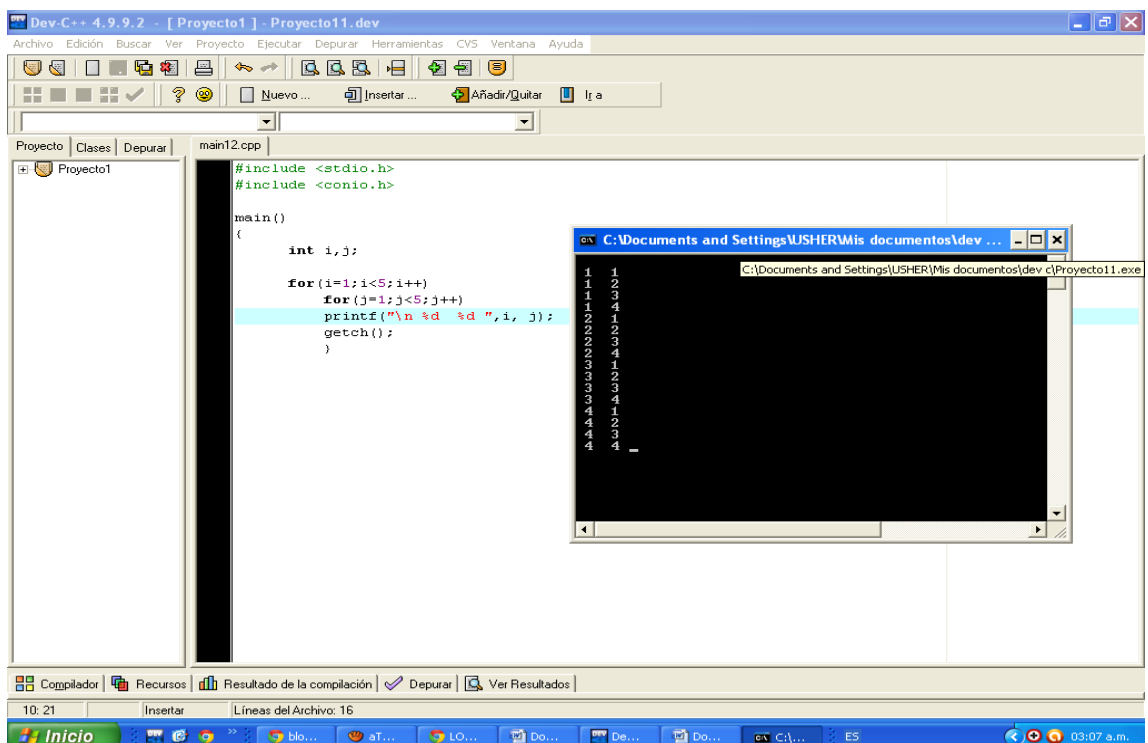
main()
{
    int i,j;

    for (i=1;i<5;i++)
        for (j=1;j<5;j++)
            printf(" %d %d ",i, j);
            getch();
}
```

Output:

```
1 1 1 2 1 3 1 4 2 1 2 2 2 3 2 4 3 1 3 2 3 3 3 4 4 1 4
2 4 3 4 4
```

Poniéndole un “\n” a la hora de imprimir los números para que los de en columnas



The screenshot shows the same Dev-C++ IDE with the same C++ program, but the printf statement has been modified to include a newline character (\n) before the numbers. The output window shows the result of the program's execution, where the numbers are printed in columns.

```
#include <stdio.h>
#include <conio.h>

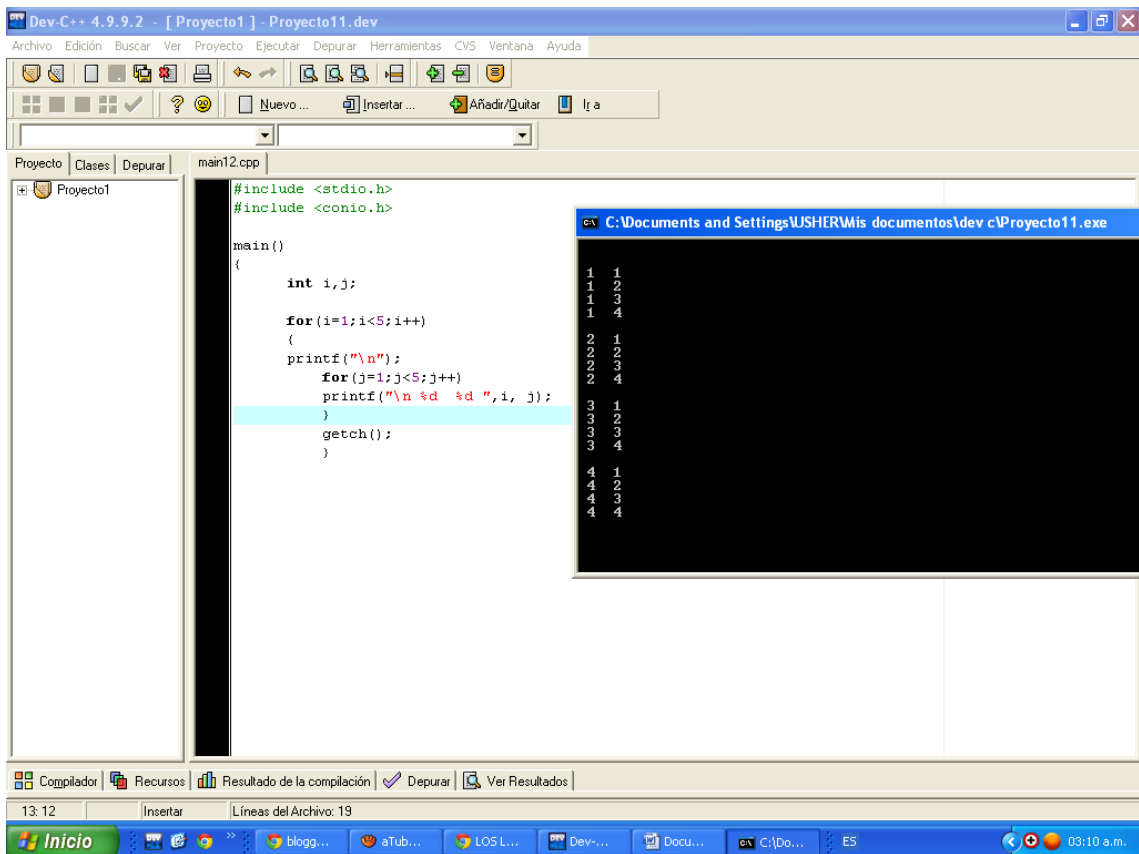
main()
{
    int i,j;

    for (i=1;i<5;i++)
        for (j=1;j<5;j++)
            printf("\n %d %d ",i, j);
            getch();
}
```

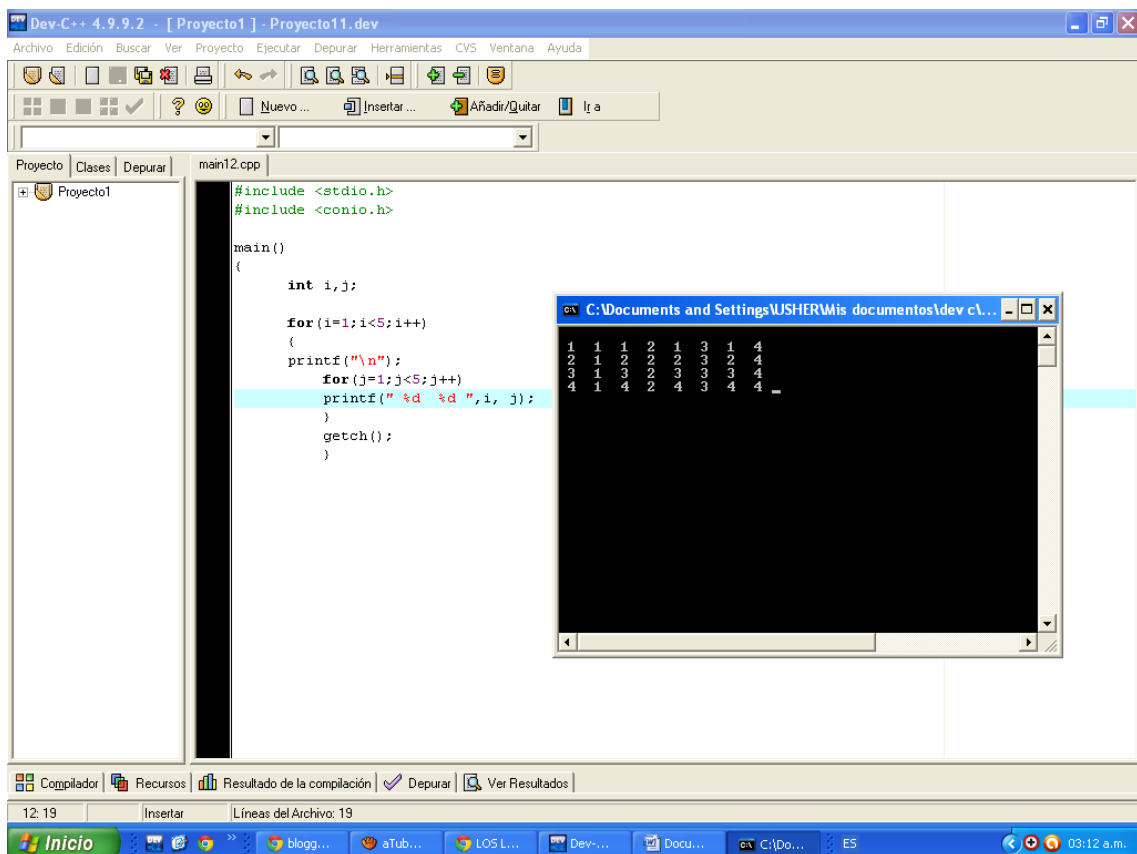
Output:

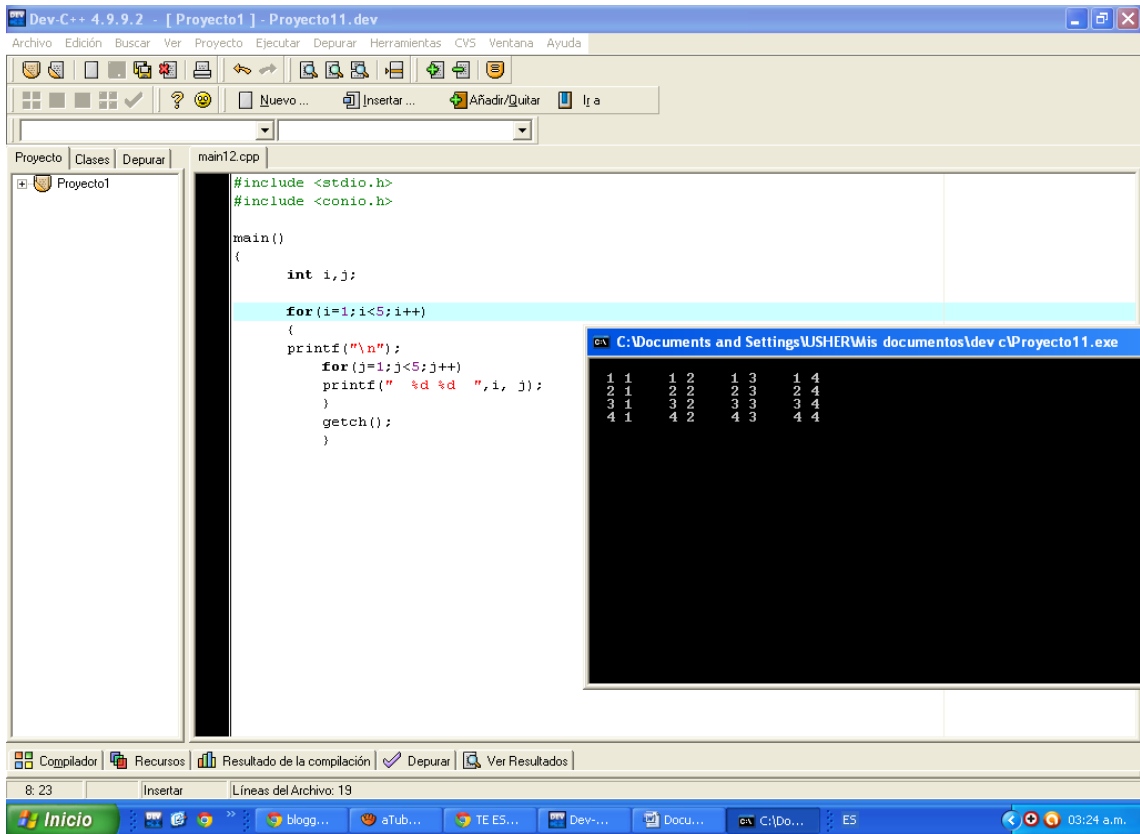
```
1
2
3
4
1
2
3
4
2
3
4
3
4
4
1
2
3
4
4
4
4
```

Agregándole otro “\n” después del primer for

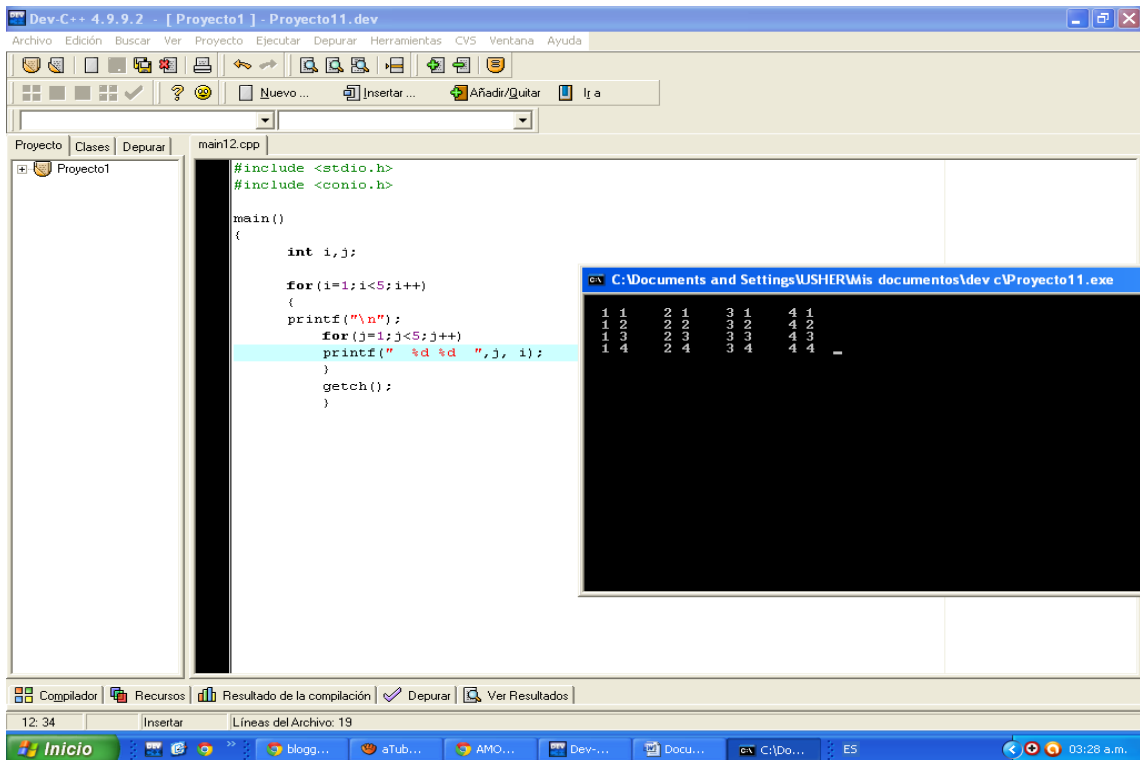


Quitándole el primer “\n” en las impresiones nos queda así

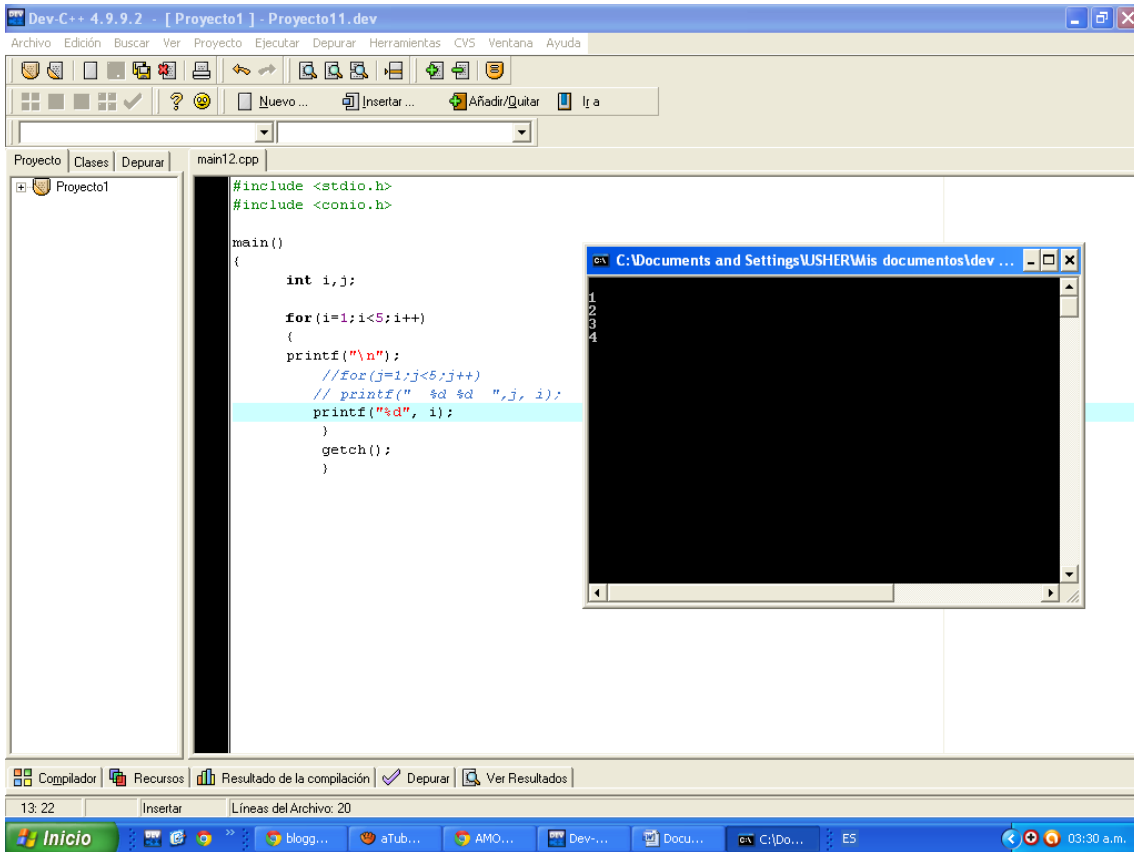




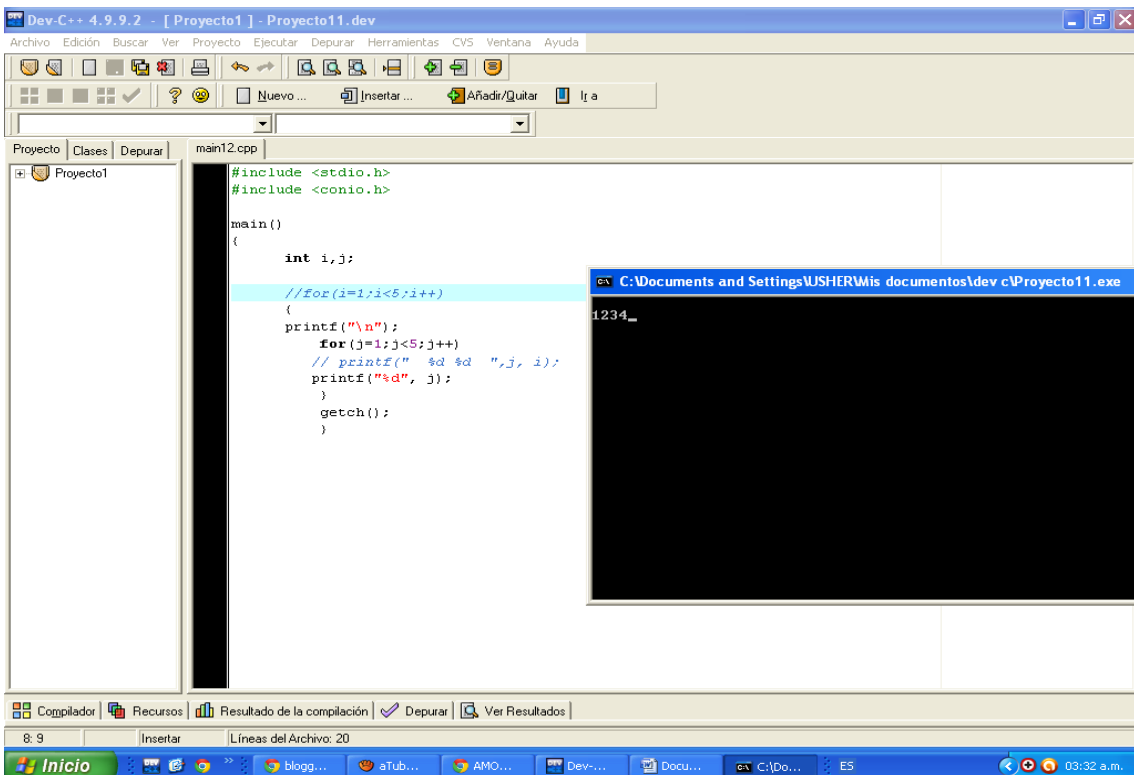
Transponiendo j con i

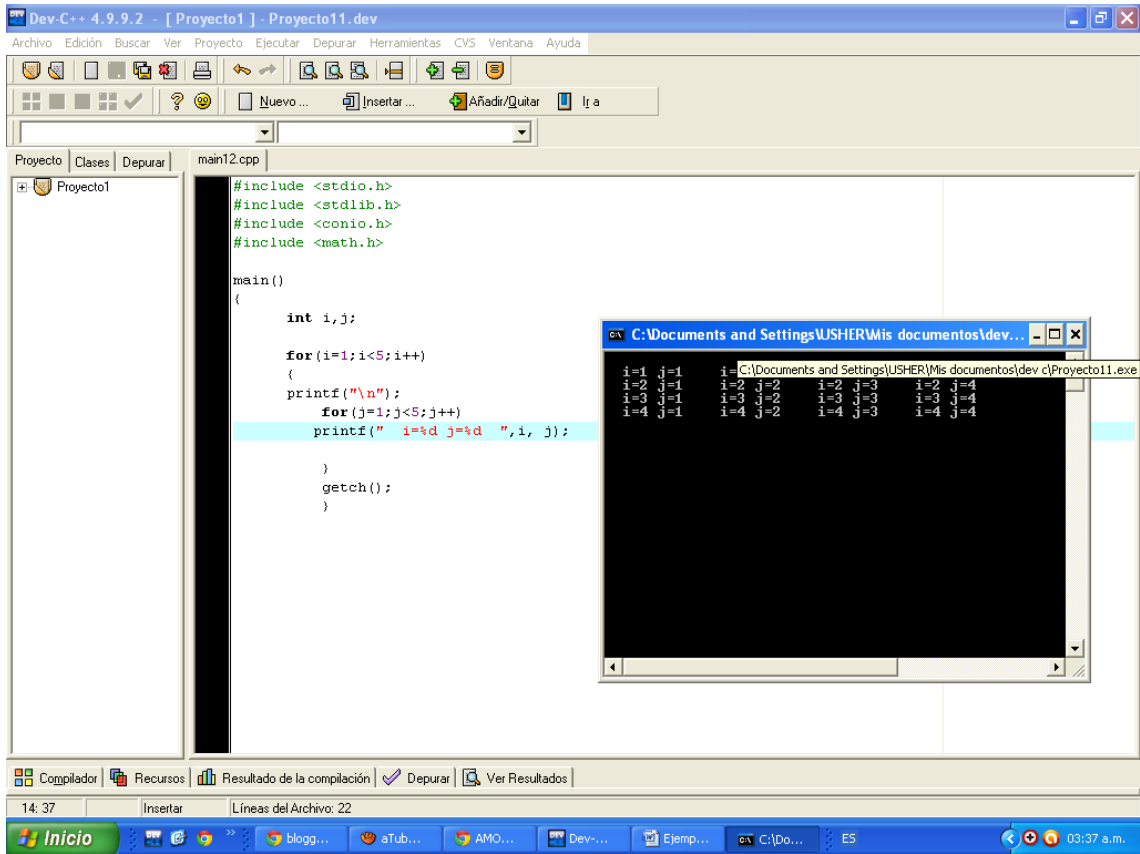


Dejando un solo for

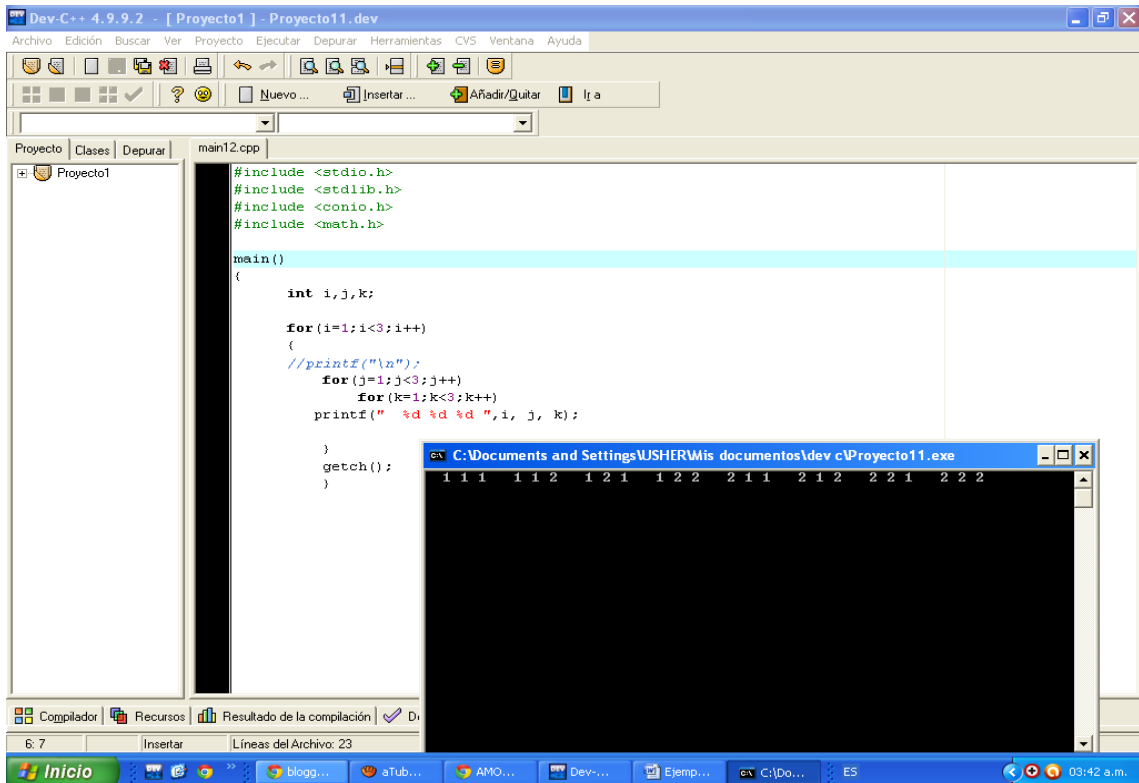


Y ahora con el otro hacemos lo mismo

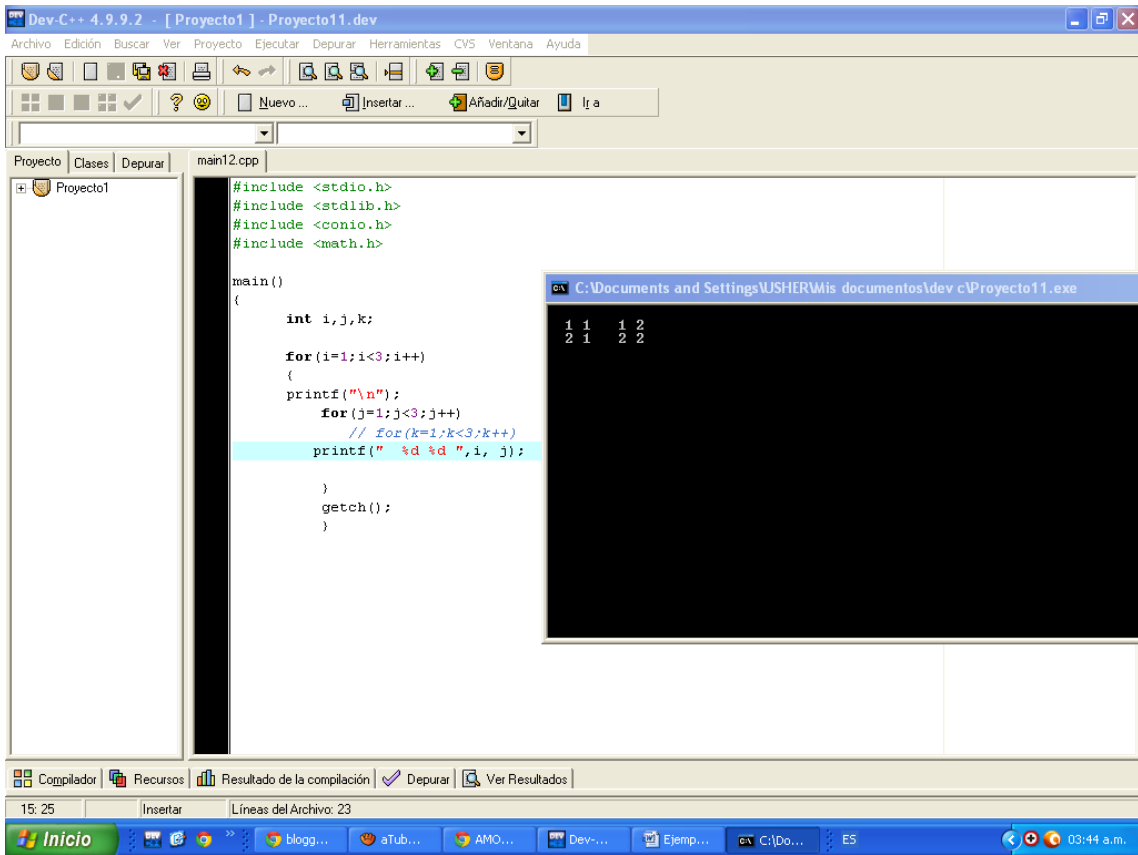




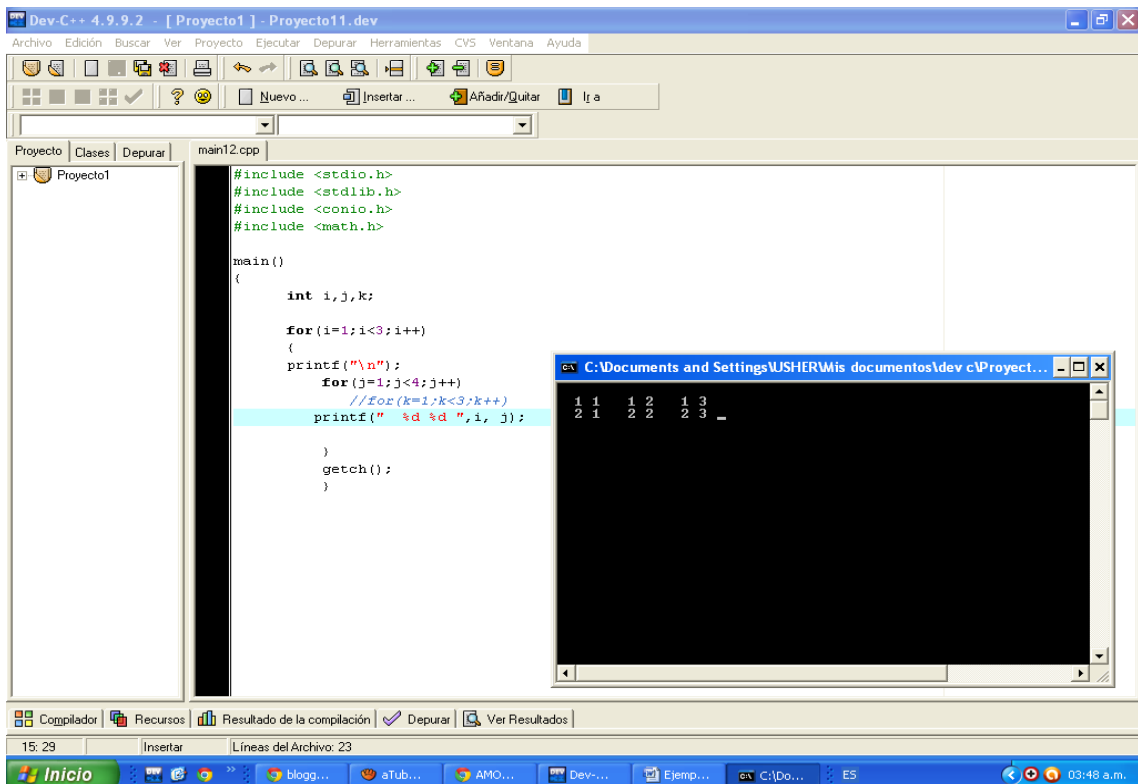
Para tres for anidados



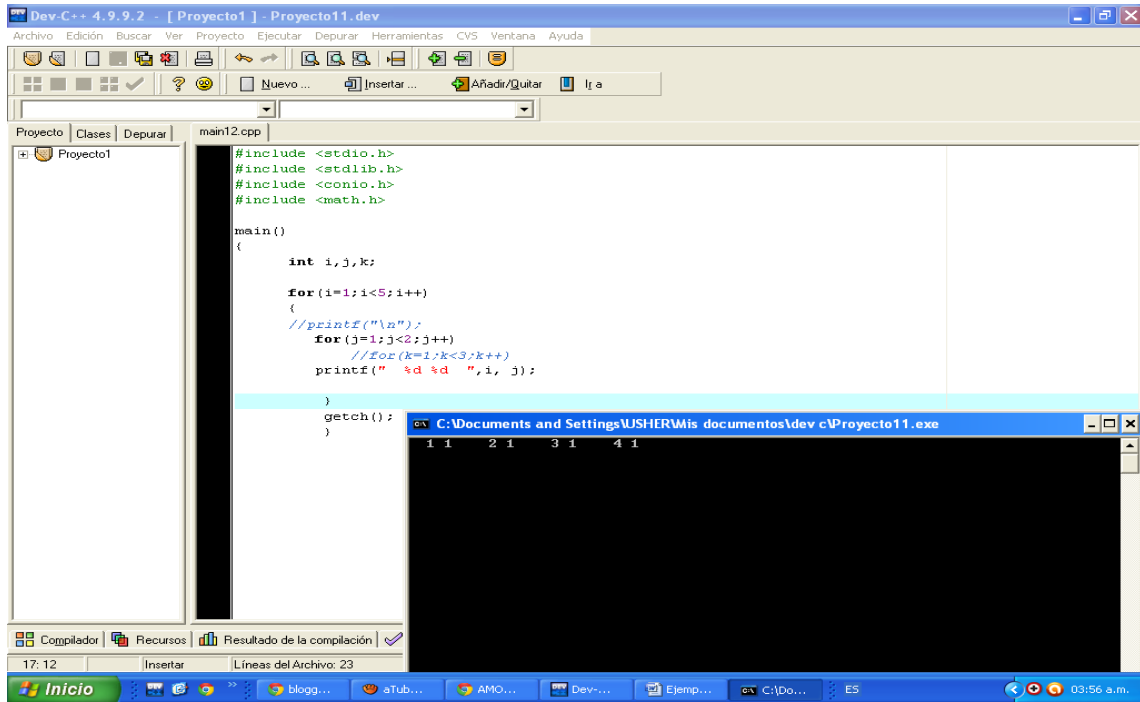
Parte 6 a)



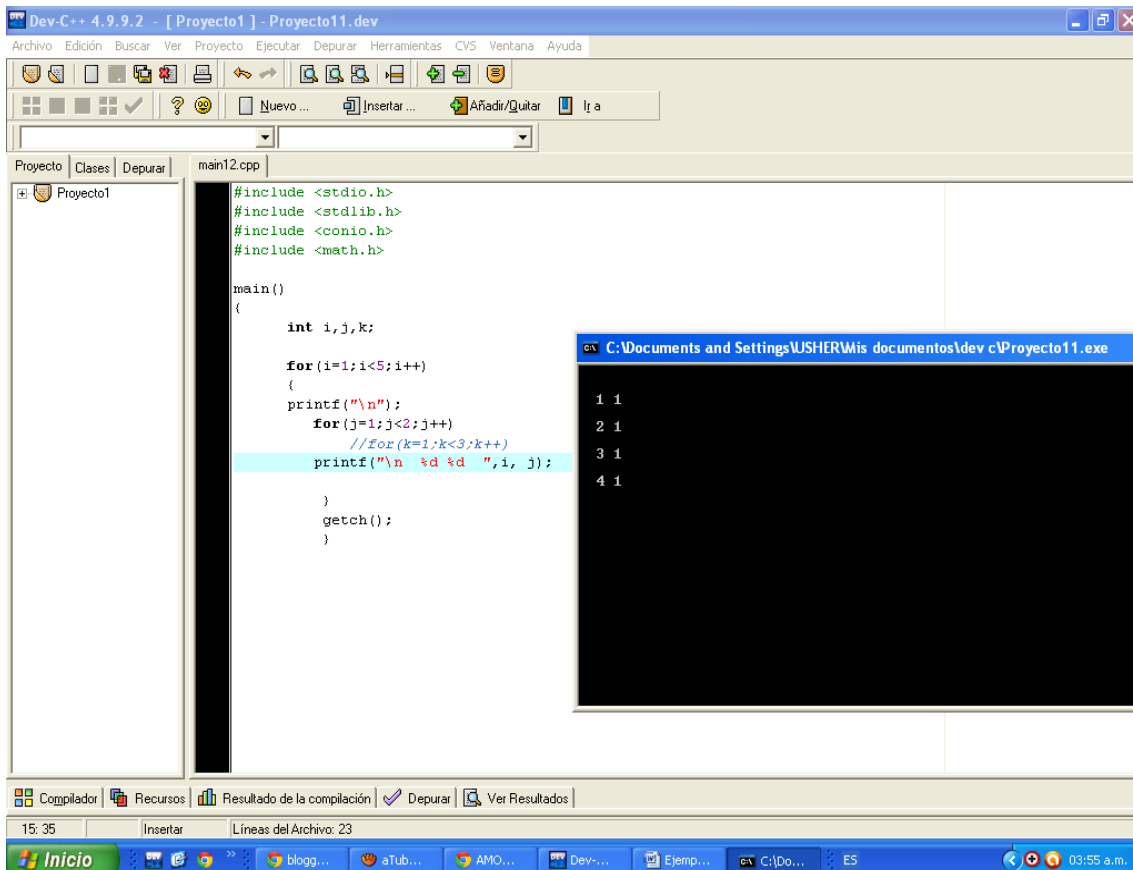
b)



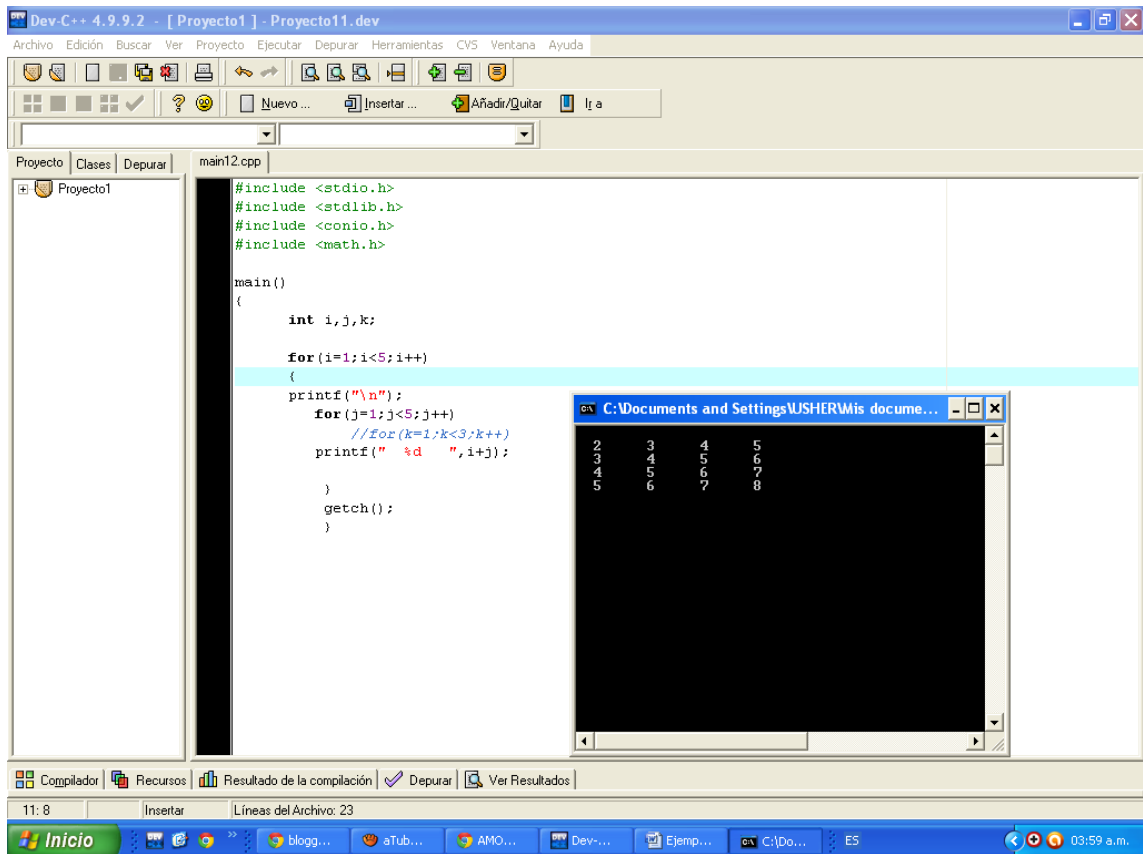
c)



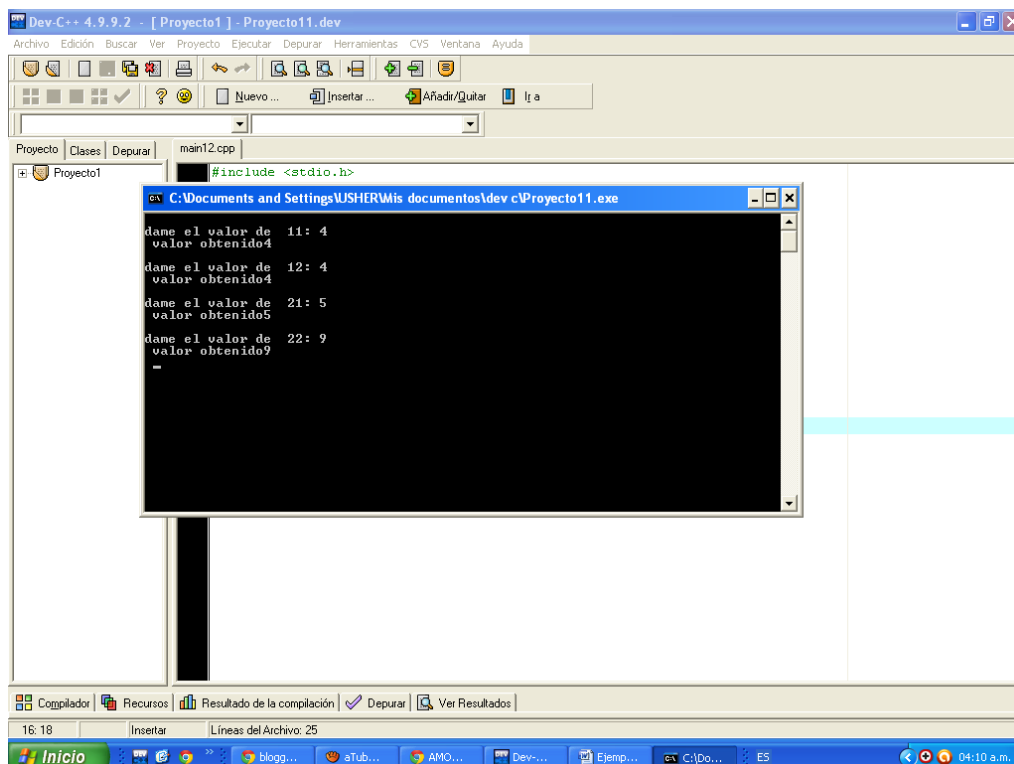
d)



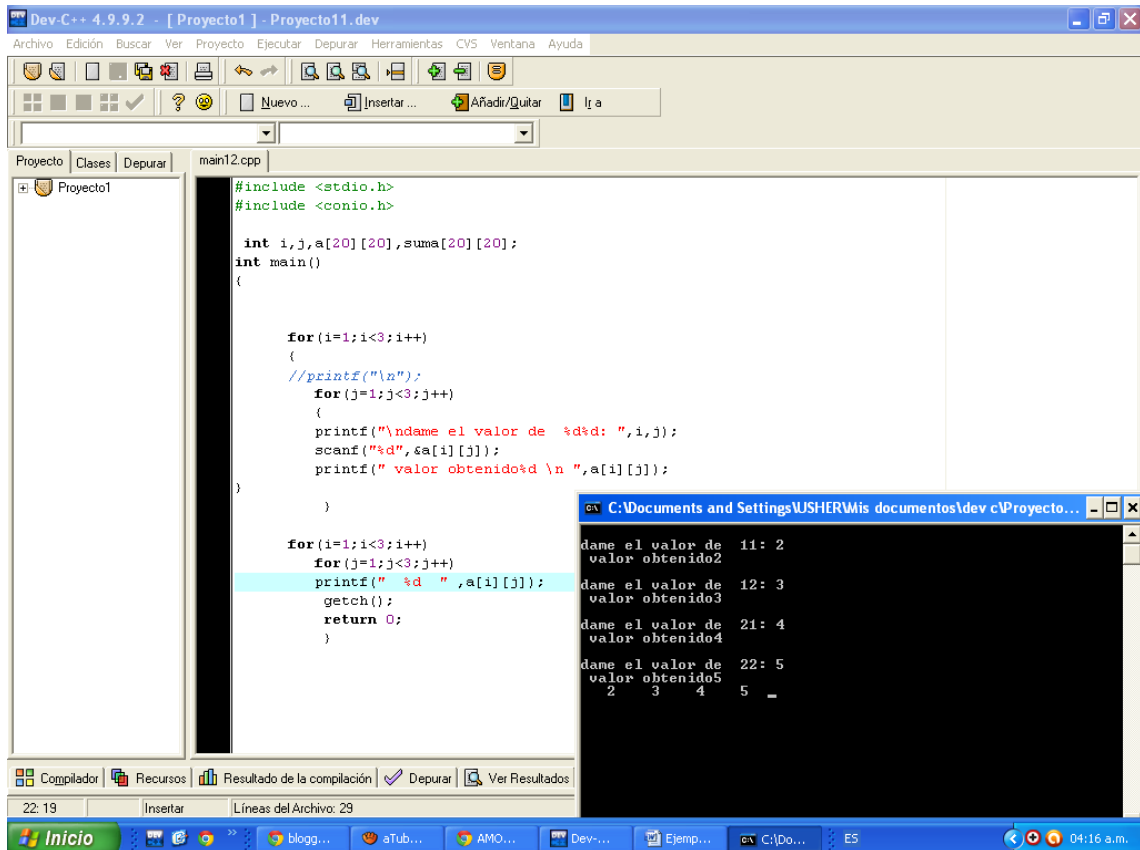
Parte 7. Ejemplo. Sumando sus índices.



Parte 9



Checando que siguen ahí los números guardados



Parte 10. Ejemplo: suma los valores del grupo de registros de "a"

