

Tema1

```
1 #include <iostream>
2 #include <cstdlib>
3 //Tema1
4 //@Bruno Baez
5 using namespace std;
6 int main(){
7     int h = 0;
8     int sum = 0;
9     cout<<"Ingrese el tamaño del vector"<<"\n";
10    cin>>h;
11    int v[h];
12    for(int q = 0 ;q<h ;++q){
13        cout<<"Ingrese el elemento V["<<q+1<<"\n";
14        cin>>v[q];
15        sum = sum + v[q];
16    }
17    cout<<"La suma de sus elementos es "<<sum<<"\t";
18    system("PAUSE");
19    return 0;
20 }
```

Compiler: g++ 4.7.1 64-bit Release
Total errors: 0
Total warnings: 0
Size of output: 6,33288478851318 MB
Compilation succeeded in 1,70 seconds

Activar Windows
Ve a Configuración para activar Windows.

```
1 #include <iostream>
2 #include <cstdlib>
3 //Tema1
4 //@Bruno Baez
5 using namespace std;
6 int main(){
7     int h = 0;
8     int sum = 0;
9     cout<<"Ingrese el tamaño del vector"<<"\n";
10    cin>>h;
11    int v[h];
12    for(int q = 0 ;q<h ;++q){
13        cout<<"Ingrese el elemento V["<<q+1<<"\n";
14        cin>>v[q];
15        sum = sum + v[q];
16    }
17    cout<<"La suma de sus elementos es 24 Presione una tecla para continuar . . .";
18    system("PAUSE");
19    return 0;
20 }
```

General: g++ 4.7.1 64-bit Release
Executing: g++_exe.exe
Size of output: 6,33288478851318 MB
Compilation succeeded in 1,70 seconds

Activar Windows
Ve a Configuración para activar Windows.

Tema2

The first screenshot shows the source code of a C++ program in a Visual Studio IDE. The code is as follows:

```
1 #include <iostream>
2 #include <cstdlib>
3 //Tema2
4 //@@Bruno Baez
5 using namespace std;
6 int main(){
7     int h = 0;
8     int mul = 1;
9     cout<<"Ingrese el tamaño del vector";
10    cin>>h;
11    int v[h];
12    for(int q = 0 ;q<h ;q++){
13        cout<<"Ingrese el elemento V["<<q+1<<"]"<<endl;
14        cin>>v[q];
15        mul = mul * v[q];
16    }
17
18    cout<<"La multiplicacion de sus elementos es "<<mul<<"\n";
19    system("PAUSE");
20    return 0;
21 }
```

The second screenshot shows the same code being executed. The output window displays the following text:

```
Ingrese el tamaño del vector4
Ingrese el elemento V[1]65
Ingrese el elemento V[2]1
Ingrese el elemento V[3]2
Ingrese el elemento V[4]5
La multiplicacion de sus elementos es 650
Presione una tecla para continuar . . .
```

Tema3

The screenshot displays a Windows IDE with a C++ program for vector operations. The code is as follows:

```

1 #include <iostream>
2 #include <cstdlib>
3 //Tema3
4 //@Bruno Baez
5 using namespace std;
6 int main(){
7     int h = 0;
8     cout<<"Ingrese el tamaño del vector";
9     cin>>h;
10    int v[h];
11    for(int q = 0 ;q<h ;q++){
12        cout<<"Ingrese el elemento V["<<q<<"]"<<endl;
13        cin>>v[q];
14    }
15    for(int q = 0 ;q<h ;q++){
16        cout<<"V["<<q<<"]="<<v[q]<<"\t";
17        system("PAUSE");
18        return 0;
19 }

```

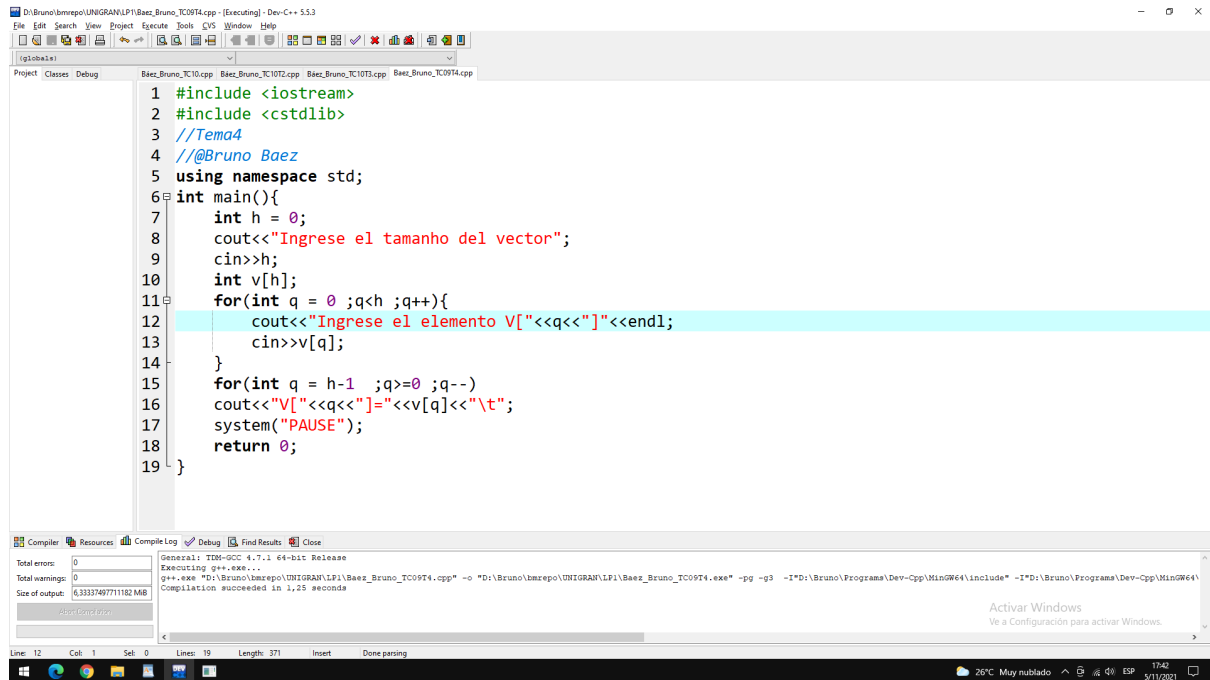
The output window at the bottom shows the following information:

- Compiler:** GCC 4.7.1 64-bit Release
- General:** TDM-GCC 4.7.1 64-bit Release
- Executing g++...**
- Size of output:** 63327198025645 MB
- Compilation succeeded in 1.08 seconds**

The status bar at the bottom indicates the current line is 18, column is 14, and the file is named "Insert".

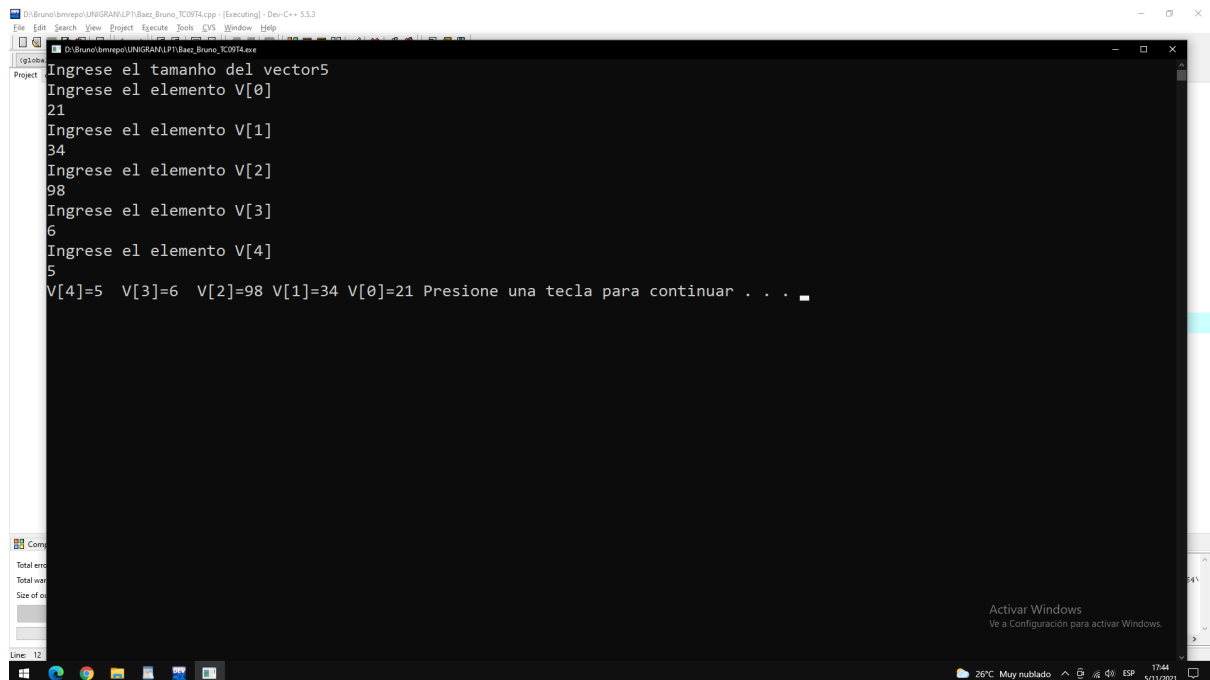
[illegible]

Tema4



```
1 #include <iostream>
2 #include <cstdlib>
3 //Tema4
4 //@Bruno Baez
5 using namespace std;
6 int main(){
7     int h = 0;
8     cout<<"Ingrese el tamaño del vector";
9     cin>>h;
10    int v[h];
11    for(int q = 0 ;q<h ;q++){
12        cout<<"Ingrese el elemento V["<<q<<"]"<<endl;
13        cin>>v[q];
14    }
15    for(int q = h-1 ;q>=0 ;q--){
16        cout<<"V["<<q<<"]="<<v[q]<<"\t";
17        system("PAUSE");
18        return 0;
19    }
```

Compiler: 0 errors, 0 warnings, 6,333,749,771,182 MB. Compilation succeeded in 1.25 seconds.



```
Ingrese el tamaño del vector5
Ingrese el elemento V[0]
21
Ingrese el elemento V[1]
34
Ingrese el elemento V[2]
98
Ingrese el elemento V[3]
6
Ingrese el elemento V[4]
5
V[4]=5 V[3]=6 V[2]=98 V[1]=34 V[0]=21 Presione una tecla para continuar . . .
```