

UNIVERSIDAD UNIAGUSTINIANA

DESARROLLO DE SOFTWARE

TALLER_2

JUAN ESTEBAN GARZON BOLIVAR

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CONTENIDO

- **Código:**

```

#include <iostream>

struct Nodo {
    int dato;
    Nodo* siguiente;

    Nodo(int valor) : dato(valor), siguiente(nullptr) {}
};

class ListaEnlazada {
private:
    Nodo* cabeza;
public:
    ListaEnlazada() : cabeza(nullptr) {}

    void agregar(int valor) {
        Nodo* nuevoNodo = new Nodo(valor);
        nuevoNodo->siguiente = cabeza;
        cabeza = nuevoNodo;
    }

    void mostrar() {
        Nodo* actual = cabeza;
        while (actual) {
            std::cout << actual->dato << " ";
            actual = actual->siguiente;
        }
        std::cout << std::endl;
    }

    ~ListaEnlazada() {
        Nodo* actual = cabeza;
        while (actual) {
            Nodo* siguiente = actual->siguiente;
            delete actual;
            actual = siguiente;
        }
    }
};

int main() {
    ListaEnlazada lista;

    std::cout << "Ingresa 5 valores para agregar a la lista:" << std::endl;
    for (int i = 0; i < 5; ++i) {
        int valor;
        std::cout << "Valor " << i + 1 << ": ";
        std::cin >> valor;
        lista.agregar(valor);
    }

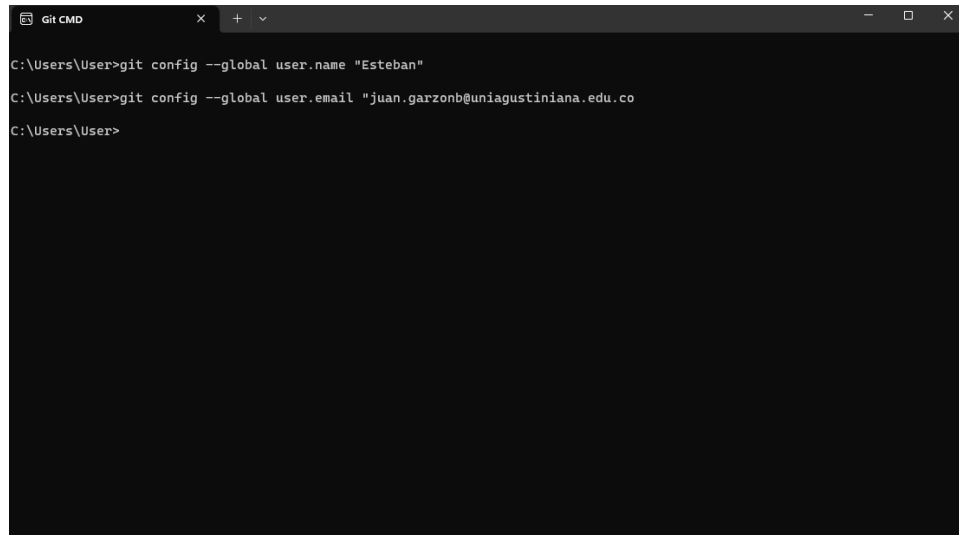
    std::cout << "Lista: ";
    lista.mostrar();

    return 0;
}

```

```
PS C:\Users\User\vs1\output> cd 'c:\Users\User\vs1\output'
PS C:\Users\User\vs1\output> & .\Nodos.exe
Ingresa 5 valores para agregar a la lista:
Valor 1: 3
Valor 2: 21
Valor 3: 245
Valor 4: 43
Valor 5: 21
Lista: 21 43 245 21 3
PS C:\Users\User\vs1\output> 
```

- Creacion del repositorio:



```
Git CMD
C:\Users\User>git config --global user.name "Esteban"
C:\Users\User>git config --global user.email "juan.garzonb@uniagustiniana.edu.co"
C:\Users\User>
```

```
Git CMD
C:\Users\User>cd C:\Users\User\Desktop\Repositorio

C:\Users\User\Desktop\Repositorio>git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        vs1/Nodos.cpp
        vs1/output/Nodos.exe

nothing added to commit but untracked files present (use "git add" to track)

C:\Users\User\Desktop\Repositorio>git app .
git: 'app' is not a git command. See 'git --help'.

The most similar command is
    apply

C:\Users\User\Desktop\Repositorio>git add .

C:\Users\User\Desktop\Repositorio>git commit -m"Ingresando trabajo 2"
[master 8813f41] Ingresando trabajo 2
 2 files changed, 57 insertions(+)
 create mode 100644 vs1/Nodos.cpp
 create mode 100644 vs1/output/Nodos.exe

C:\Users\User\Desktop\Repositorio>git status
On branch master
nothing to commit, working tree clean

C:\Users\User\Desktop\Repositorio>git push origen master
fatal: 'origen' does not appear to be a git repository
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.

C:\Users\User\Desktop\Repositorio>git push origin master
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 16 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (6/6), 468.33 KiB | 8.36 MiB/s, done.
Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Esteban2135/Repositorio.git
   3761e21..8813f41  master -> master

C:\Users\User\Desktop\Repositorio>
```