

## 1. Configuración de Git

- a. `git config --global user.name "Tu Nombre"`

```
usuario@DESKTOP-DM02BAL MINGW64 ~  
$ git config --global user.name "Santiard"
```

- b. `git config --global user.email tuemail@example.com`

```
usuario@DESKTOP-DM02BAL MINGW64 ~  
$ git config --global user.email "jesardila17@gmail.com"
```

- c. `git config --list` (para verificar la configuración)

```
usuario@DESKTOP-DM02BAL MINGW64 ~  
$ git config --list  
diff.astextplain.textconv=astextplain  
filter.lfs.clean=git-lfs clean -- %f  
filter.lfs.smudge=git-lfs smudge -- %f  
filter.lfs.process=git-lfs filter-process  
filter.lfs.required=true  
http.sslbackend=openssl  
http.sslcainfo=C:/Program Files/Git/mingw64/etc/ssl/certs/ca-bundle.crt  
core.autocrlf=true  
core.fscache=true  
core.symlinks=false  
pull.rebase=false  
credential.helper=manager  
credential.https://dev.azure.com.usehttppath=true  
init.defaultbranch=master  
filter.lfs.process=git-lfs filter-process  
filter.lfs.required=true  
filter.lfs.clean=git-lfs clean -- %f  
filter.lfs.smudge=git-lfs smudge -- %f  
user.name=Santiard  
user.email=jesardila17@gmail.com  
core.editor="C:\Users\usuario\AppData\Local\Programs\Microsoft VS Code\bin\code" --wait
```

## 2. Comandos básicos

- a. `git init` → Inicializar un repositorio local.

```
usuario@DESKTOP-DM02BAL MINGW64 ~  
$ git init  
Initialized empty Git repository in C:/Users/usuario/.git/
```

- b. `git clone <URL>` → Clonar un repositorio.

```
usuario@DESKTOP-DM02BAL MINGW64 ~ (master)  
$ git clone https://github.com/Santiard/prog_2_02220131020_A_2023  
Cloning into 'prog_2_02220131020_A_2023'...  
remote: Enumerating objects: 651, done.  
remote: Counting objects: 100% (304/304), done.  
remote: Compressing objects: 100% (126/126), done.  
remote: Total 651 (delta 68), reused 295 (delta 68), pack-reused 347 (from 1)  
Receiving objects: 100% (651/651), 262.72 KiB | 1.33 MiB/s, done.  
Resolving deltas: 100% (166/166), done.
```

- c. `git status` → Ver cambios en el repositorio.

```
usuario@DESKTOP-DM02BAL MINGW64 ~ (master)
$ git status
warning: could not open directory 'Configuración local/': Permission denied
warning: could not open directory 'Cookies/': Permission denied
warning: could not open directory 'Datos de programa/': Permission denied
warning: could not open directory 'Entorno de red/': Permission denied
warning: could not open directory 'Impresoras/': Permission denied
warning: could not open directory 'Menú Inicio/': Permission denied
warning: could not open directory 'Mis documentos/': Permission denied
warning: could not open directory 'Plantillas/': Permission denied
warning: could not open directory 'Reciente/': Permission denied
warning: could not open directory 'SendTo/': Permission denied
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   CARGAR.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
```

- d. `git add <archivo>` → Agregar archivos al área de preparación.

```
usuario@DESKTOP-DM02BAL MINGW64 ~ (master)
$ git add CARGAR.txt
```

- e. `git commit -m "Mensaje del commit"` → Guardar cambios en el historial.

```
usuario@DESKTOP-DM02BAL MINGW64 ~ (master)
$ git commit -m "Commit de prueba con un txt"
[master (root-commit) 23ff81a] Commit de prueba con un txt
1 file changed, 1 insertion(+)
 create mode 100644 CARGAR.txt
```

- f. `git push origin main` → Enviar cambios a GitHub.

```
usuario@DESKTOP-DM02BAL MINGW64 ~ (master)
$ git remote add origin https://github.com/Santiard/TALLER-1
```

```
usuario@DESKTOP-DM02BAL MINGW64 ~ (master)
$ git branch
* master

usuario@DESKTOP-DM02BAL MINGW64 ~ (master)
$ git push origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 238 bytes | 238.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Santiard/TALLER-1
 * [new branch]      master -> master
```

### 3. Ejercicio Práctico

- a. Crear un repositorio en GitHub y clonarlo localmente.

```
usuario@DESKTOP-DM02BAL MINGW64 ~ (master)
$ git clone https://github.com/Santiard/prog_2_02220131020_A_2023
Cloning into 'prog_2_02220131020_A_2023'...
remote: Enumerating objects: 651, done.
remote: Counting objects: 100% (304/304), done.
remote: Compressing objects: 100% (126/126), done.
remote: Total 651 (delta 68), reused 295 (delta 68), pack-reused 347 (from 1)
Receiving objects: 100% (651/651), 262.72 KiB | 1.33 MiB/s, done.
Resolving deltas: 100% (166/166), done.
```

- b. Agregar un archivo README.md con una breve descripción.

```
usuario@DESKTOP-DM02BAL MINGW64 ~ (master)
$ git add README.txt
```

- c. Realizar un commit y enviarlo a GitHub.

```
usuario@DESKTOP-DM02BAL MINGW64 ~ (master)
$ git commit -m "Carga del README"
[master bb04c33] Carga del README
1 file changed, 1 insertion(+)
create mode 100644 README.txt
```

```
usuario@DESKTOP-DM02BAL MINGW64 ~ (master)
$ git push origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 312 bytes | 312.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Santiard/TALLER-1
23ff81a..bb04c33 master -> master
```