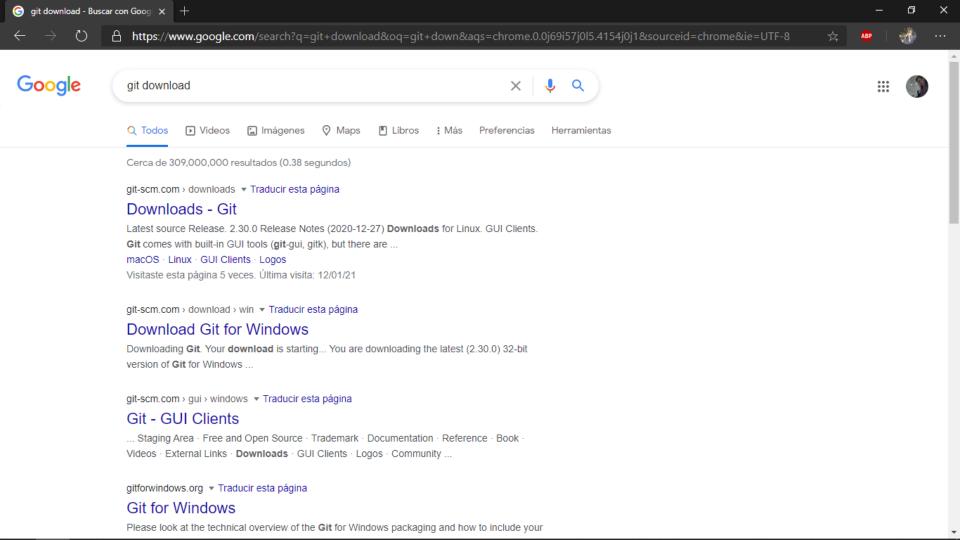


# Instalación de Git y uso esencial de Github

Jesús Loera y Giovanni López







Q Search entire site...

#### About

#### Documentation

#### Downloads

GUI Clients Logos

#### Community

The entire **Pro Git book**written by Scott Chacon and
Ben Straub is available to read
online for free. Dead tree
versions are available on
Amazon.com.

### Downloads



Older releases are available and the Git source repository is on GitHub.



#### **GUI Clients**

Git comes with built-in GUI tools (git-gui, gitk), but there are several third-party tools for users looking for a platform-specific experience.

View GUI Clients →

#### Logos

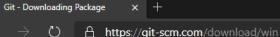
Various Git logos in PNG (bitmap) and EPS (vector) formats are available for use in online and print projects.

View Logos →

#### Git via Git

If you already have Git installed, you can get the latest development version via Git itself:

git clone https://github.com/git/git











git --distributed-even-if-your-workflow-isnt

Q Search entire site...

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#### **Downloads**

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## Downloading Git



#### Your download is starting...

You are downloading the latest (2.30.0) 64-bit version of Git for Windows. This is the most recent maintained build. It was released 20 days ago, on 2021-01-14.

Click here to download manually, if your download hasn't started.

#### Other Git for Windows downloads

Git for Windows Setup
32-bit Git for Windows Setup.

64-bit Git for Windows Setup.

Git for Windows Portable ("thumbdrive edition")

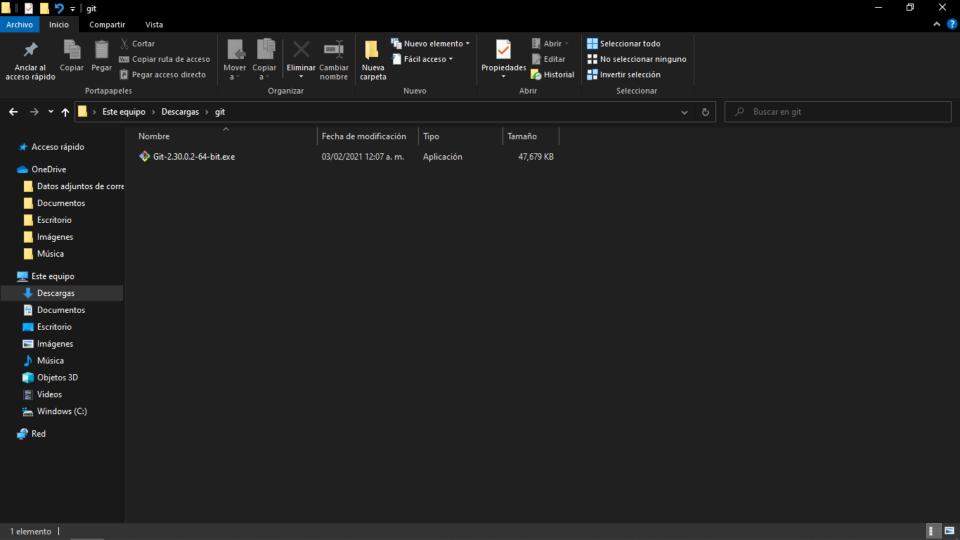
32-bit Git for Windows Portable.

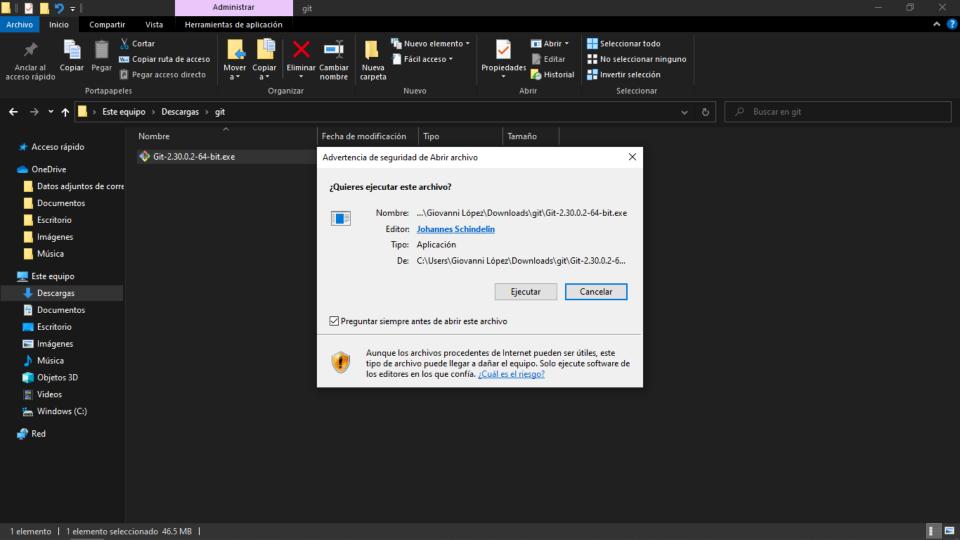
64-bit Git for Windows Portable.

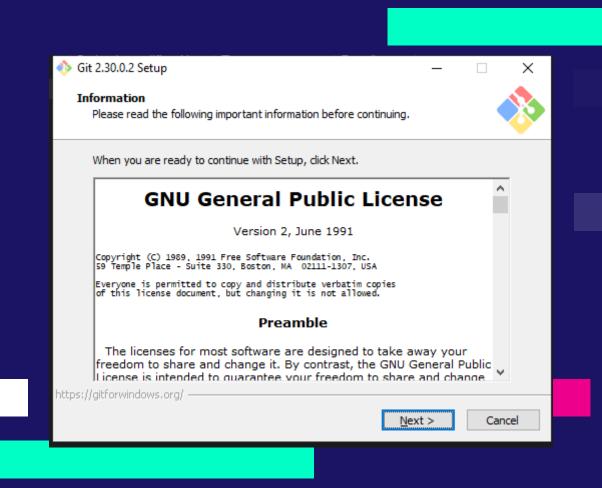
The current source code release is version 2.30.0. If you want the newer version, you can build it from the source code.

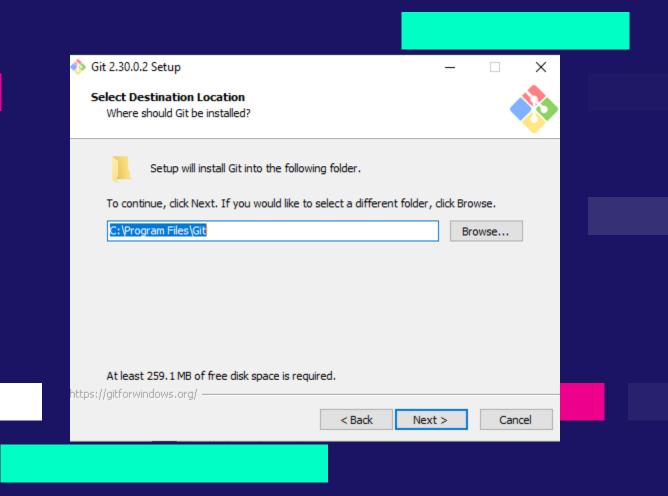


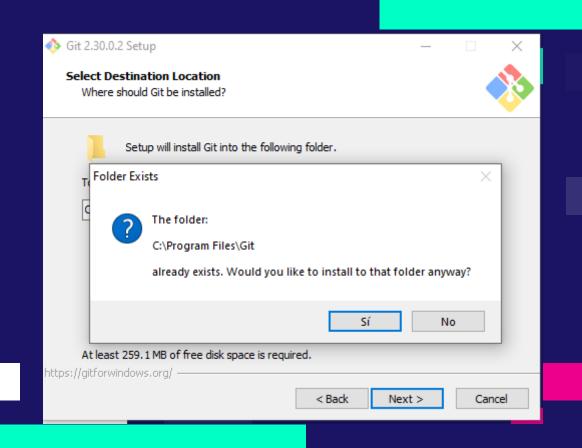


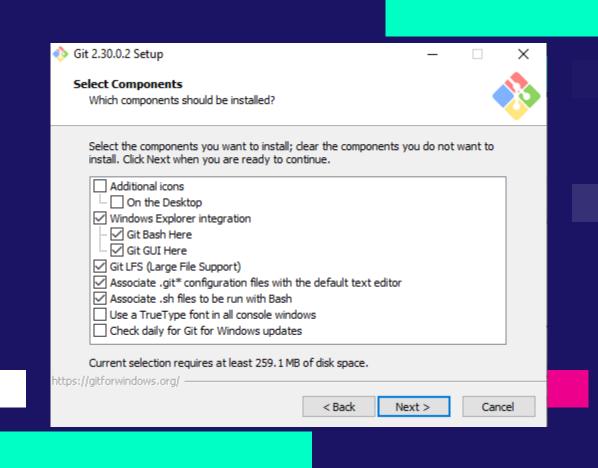


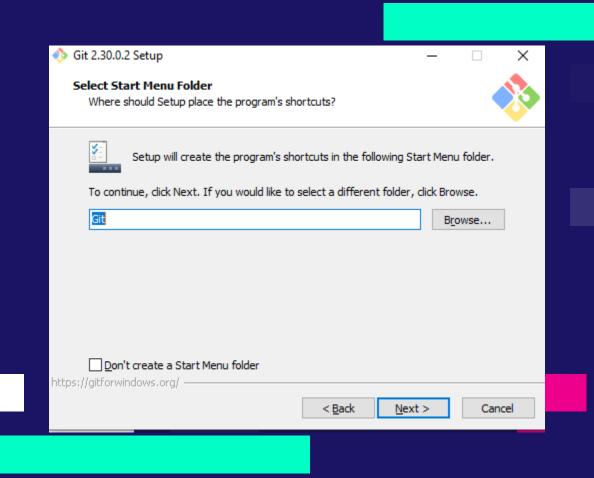


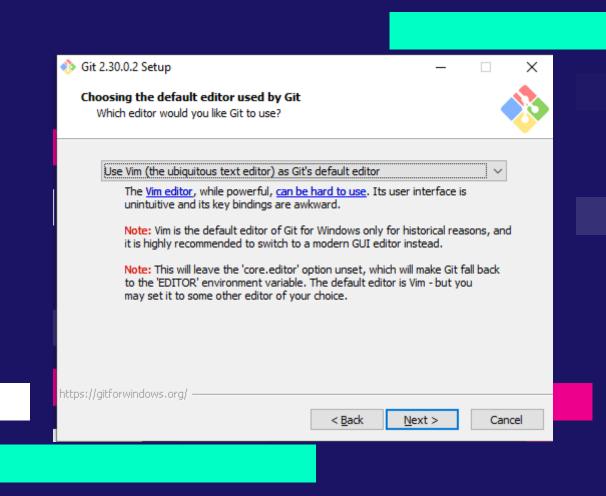


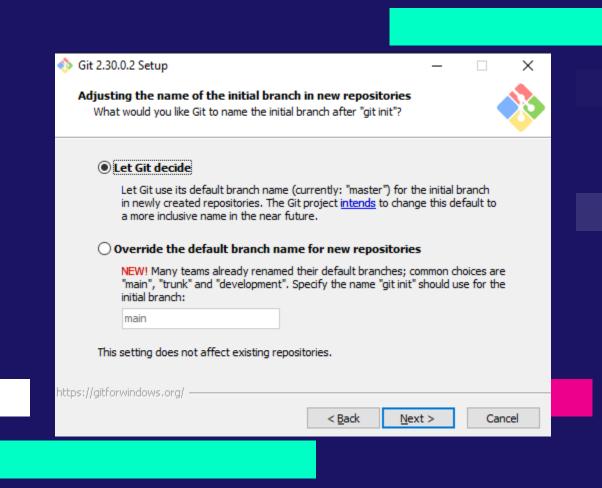


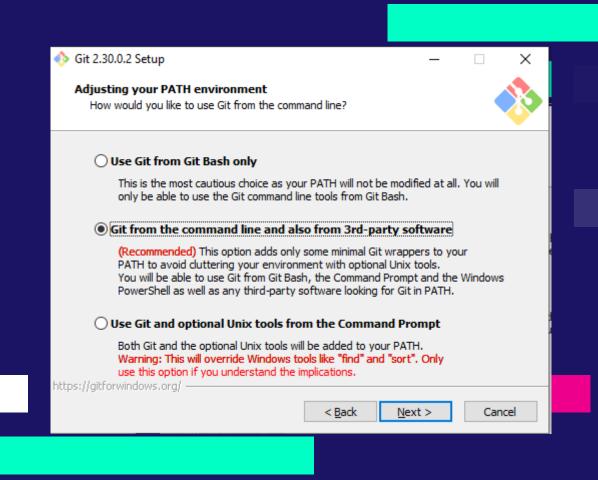


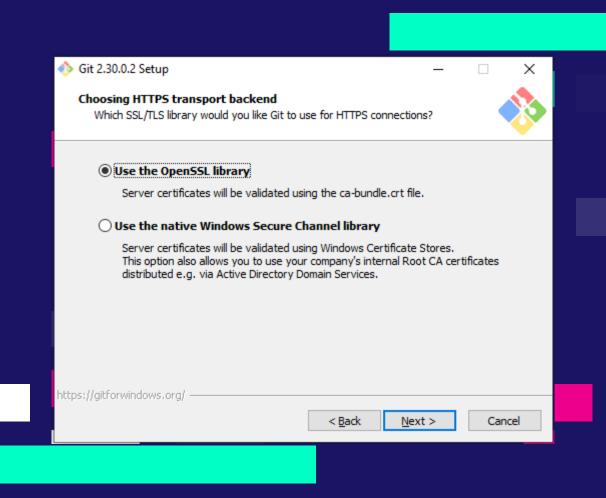


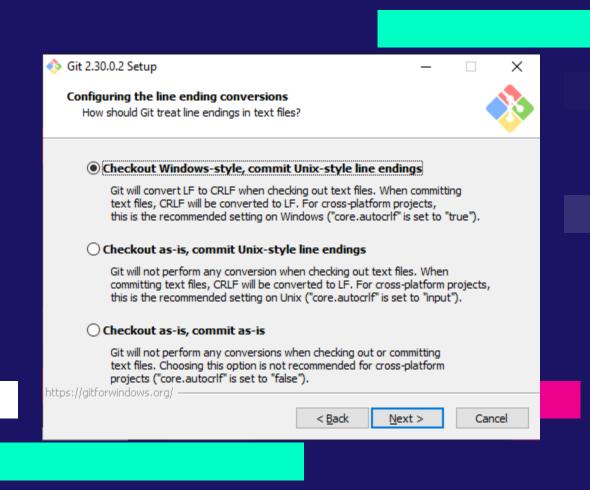


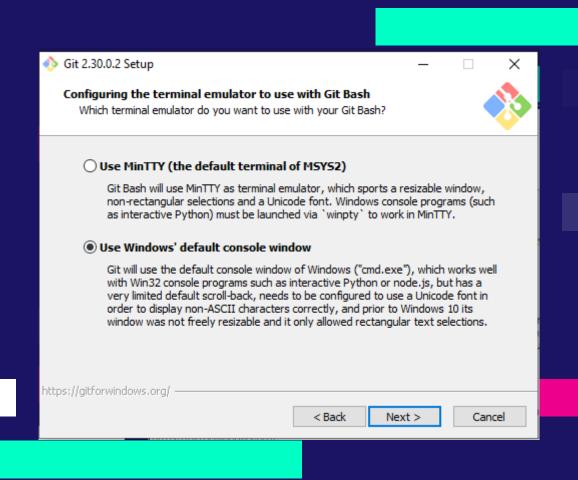


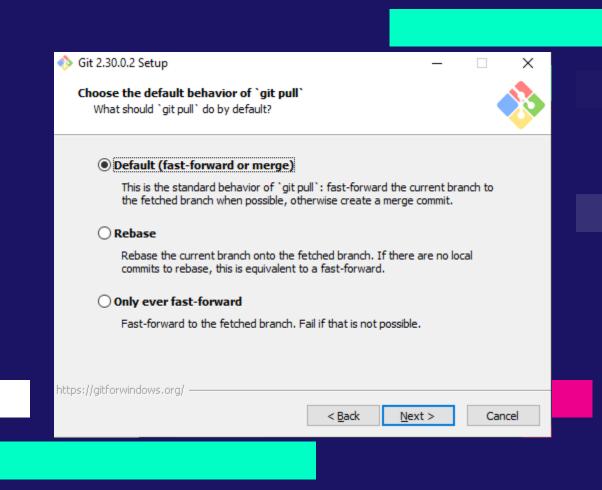


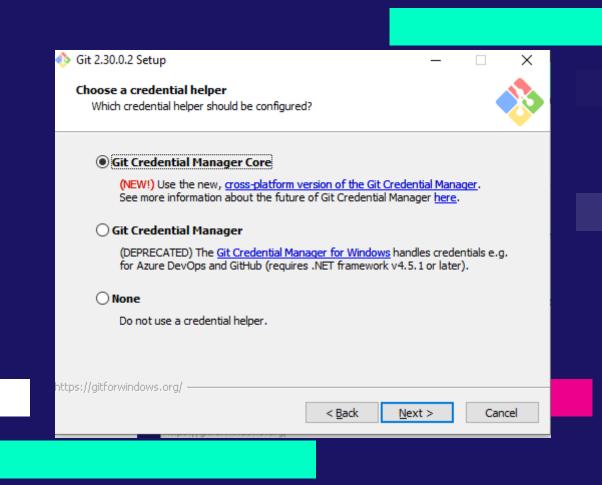


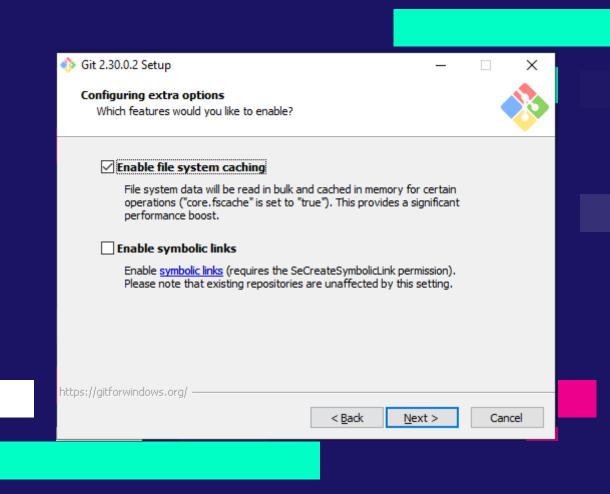


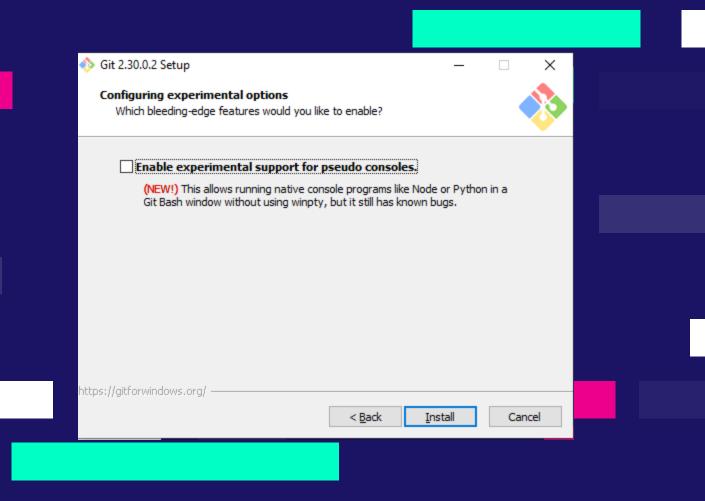


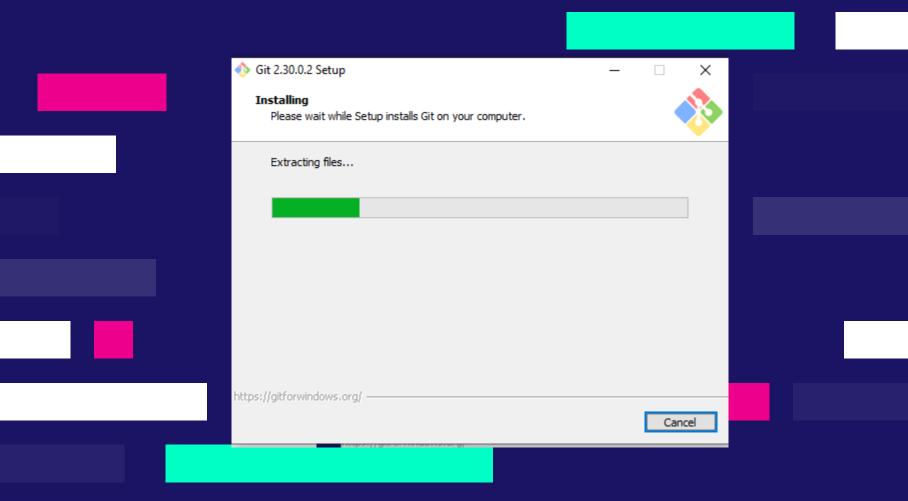


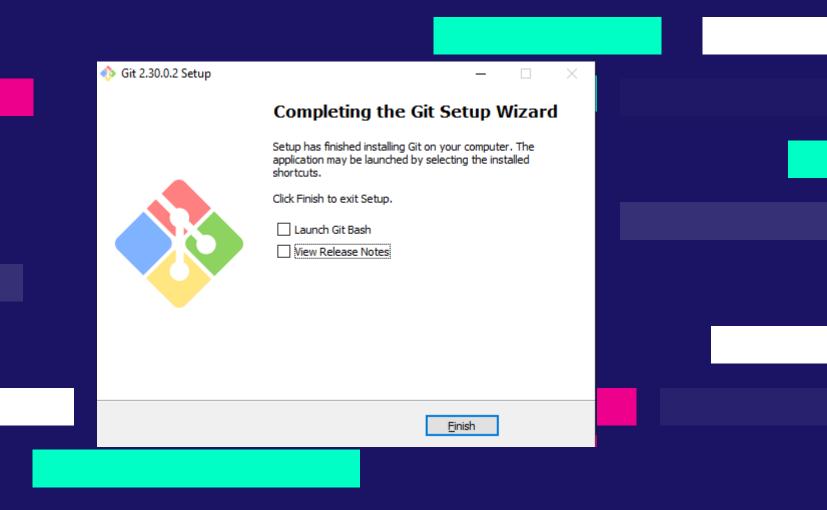


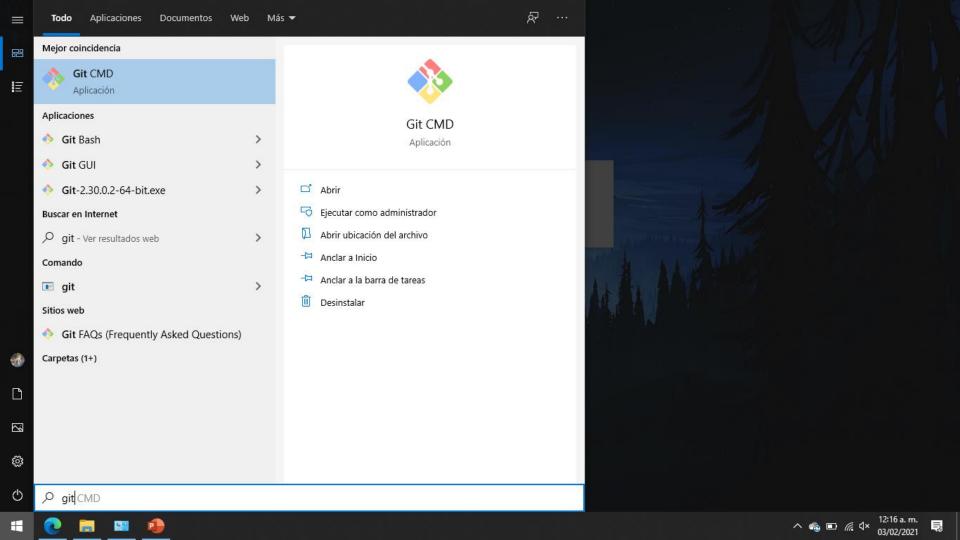


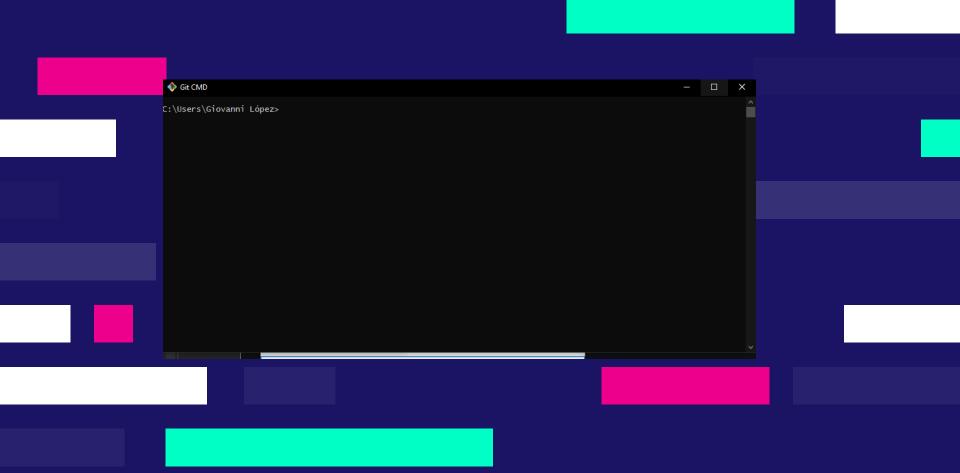


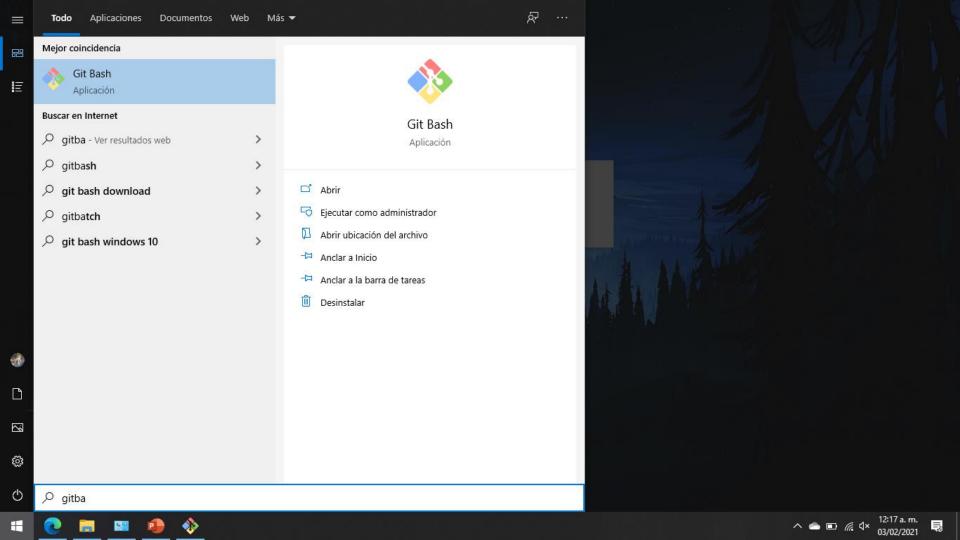


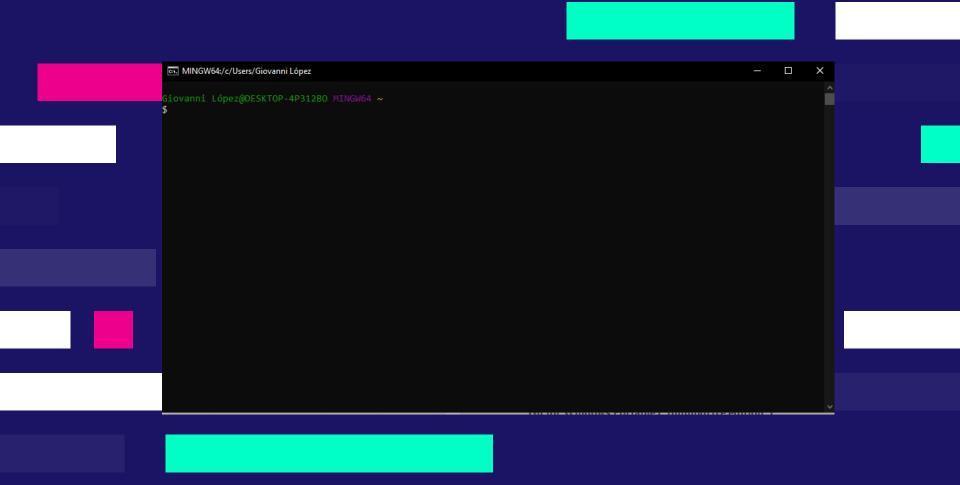




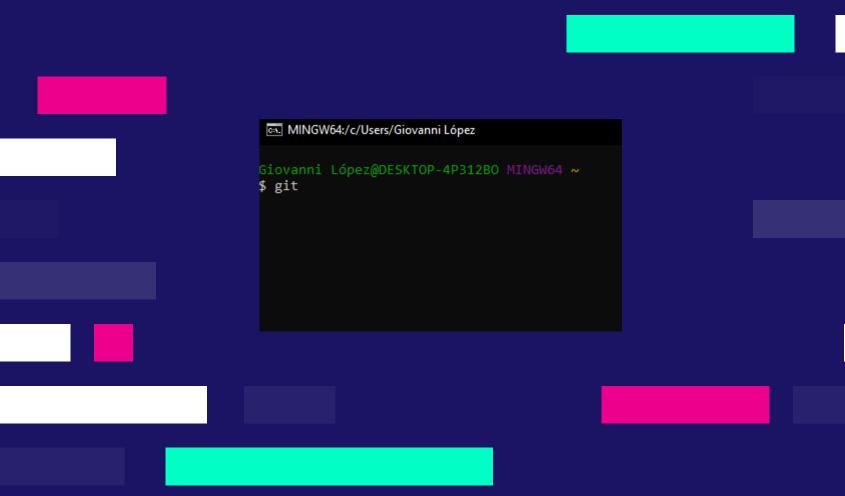














## Windows

```
Git CMD
                                                                                                                                                                        $ 1s
                                                                                             Directorio de C:\Users\Giovanni López
'3D Objects'/
                                                                                            19/10/2020 04:01 p. m.
                                                                                                                       <DIR>
                                                                                            19/10/2020 04:01 p. m.
'Configuración local'@
                                                                                                                       <DIR>
                                                                                            19/10/2020 04:01 p. m.
                                                                                                                                      .matplotlib
                                                                                                                       <DIR>
                                                                                            19/10/2020 03:56 p. m.
                                                                                                                       <DIR>
                                                                                                                                       .vscode
Cookies@
                                                                                            08/10/2020
                                                                                                       02:45 p. m.
                                                                                                                                      3D Objects
                                                                                                                       <DIR>
                                                                                            21/08/2020
                                                                                                        04:20 a. m.
                                                                                                                       <DIR>
                                                                                                                                      Contacts
'Datos de programa'@
                                                                                            23/08/2020
                                                                                                       04:04 a. m.
                                                                                                                       <DIR>
                                                                                                                                      datamc
                                                                                            21/08/2020
                                                                                                                                      Desktop
                                                                                                       05:20 a. m.
                                                                                                                       <DIR>
Desktop/
                                                                                            12/12/2020
                                                                                                        06:46 a. m.
                                                                                                                       <DTR>
                                                                                                                                      Documents
Documents/
                                                                                            03/02/2021
                                                                                                        12:07 a. m.
                                                                                                                       <DIR>
                                                                                                                                      Downloads
                                                                                            21/08/2020
                                                                                                       12:11 a. m.
                                                                                                                       <DIR>
                                                                                                                                      Favorites
                                                                                            21/08/2020
                                                                                                       04:20 a. m.
Entorno de red'@
                                                                                                                       <DIR>
                                                                                                                                      Links
                                                                                            08/10/2020 02:45 p. m.
                                                                                                                       <DIR>
                                                                                                                                      Music
Favorites/
                                                                                            02/02/2021 11:53 p. m.
                                                                                                                                      OneDrive
                                                                                                                       <DIR>
Impresoras@
                                                                                            02/11/2020 03:57 p. m.
                                                                                                                       <DIR>
                                                                                                                                      Pictures
IntelGraphicsProfiles/
                                                                                            21/08/2020 04:20 a.m.
                                                                                                                                      Saved Games
                                                                                                                       <DIR>
                                                                                            21/08/2020 04:22 a. m.
                                                                                                                       <DIR>
                                                                                                                                      Searches
                                                                                                                                      Videos
                                                                                            16/10/2020 07:38 p. m.
                                                                                                                       <DIR>
'Menú Inicio'@
                                                                                                           0 archivos
                                                                                                                                   0 bytes
                                                                                                          18 dirs 53,980,483,584 bytes libres
'Mis documentos'@

∨ C:\Users\Giovanni López>_
```

ls

dir



# </> Linux

## Windows

```
'Mis_documentos'@
                                                                                     Git CMD
NTUSER.DAT
                                                                                     Directorio de C:\Users\Giovanni López
ntuser.dat.LOG1
                                                                                    19/10/2020
                                                                                               04:01 p. m.
                                                                                                             <DIR>
ntuser.dat.LOG2
                                                                                    19/10/2020 04:01 p. m.
                                                                                                             <DIR>
NTUSER.DAT{53b39e88-18c4-11ea-a811-000d3aa4692b}.TM.blf
                                                                                                                           .matplotlib
                                                                                    19/10/2020
                                                                                               04:01 p. m.
                                                                                                             <DIR>
03:56 p. m.
                                                                                                             <DIR>
                                                                                                                           .vscode
egtrans-ms
                                                                                                                          3D Objects
                                                                                    08/10/2020
                                                                                               02:45 p. m.
                                                                                                             <DIR>
                                                                                               04:20 a. m.
NTUSER.DAT{53b39e88-18c4-11ea-a811-000d3aa4692b}.TMContainer000000000000000000002.r21/08/2020
                                                                                                             <DIR>
                                                                                                                          Contacts
                                                                                    23/08/2020
                                                                                               04:04 a. m.
                                                                                                             <DIR>
                                                                                                                           datamc
egtrans-ms
                                                                                    21/08/2020
                                                                                               05:20 a. m.
                                                                                                             <DIR>
                                                                                                                          Desktop
ntuser.ini
                                                                                               06:46 a. m.
                                                                                                             <DIR>
                                                                                                                           Documents
OneDrive/
                                                                                               12:07 a. m.
                                                                                                             <DIR>
                                                                                                                           Downloads
                                                                                                                          Favorites
                                                                                               12:11 a. m.
                                                                                                             <DIR>
                                                                                               04:20 a. m.
                                                                                                             <DIR>
                                                                                                                          Links
Plantillas@
                                                                                               02:45 p. m.
                                                                                                                          Music
                                                                                    08/10/2020
                                                                                                             <DIR>
Reciente@
                                                                                               11:53 p. m.
                                                                                                             <DIR>
                                                                                                                          OneDrive
'Saved Games'/
                                                                                               03:57 p. m.
                                                                                                             <DIR>
                                                                                                                          Pictures
Searches/
                                                                                    21/08/2020
                                                                                               04:20 a. m.
                                                                                                             <DIR>
                                                                                                                          Saved Games
                                                                                    21/08/2020
                                                                                               04:22 a. m.
                                                                                                             <DIR>
                                                                                                                          Searches
SendTo@
                                                                                    16/10/2020 07:38 p. m.
                                                                                                                          Videos
Videos/
                                                                                                  0 archivos
                                                                                                                        0 bytes
                                                                                                 18 dirs 53,980,483,584 bytes libres
                                                                                    C:\Users\Giovanni López>cls
$ clear_
```

clear

cls



## Windows

\$ cd Documents/

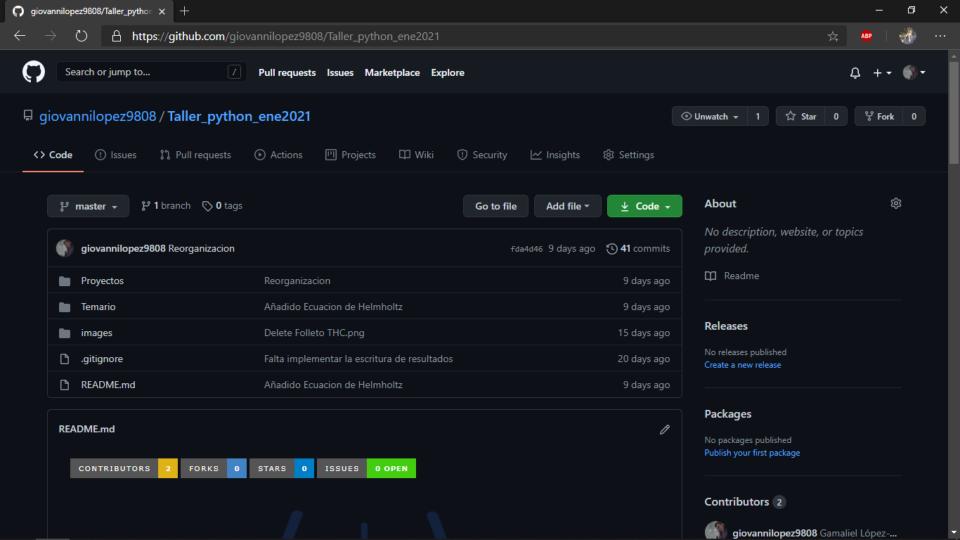
C:\Users\Giovanni López>cd Documents

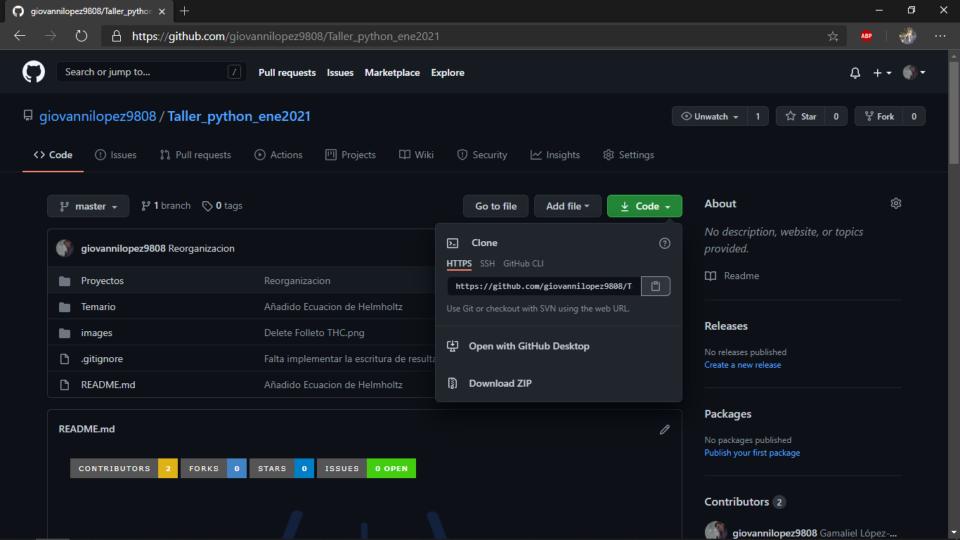
C:\Users\Giovanni López\Documents>\_

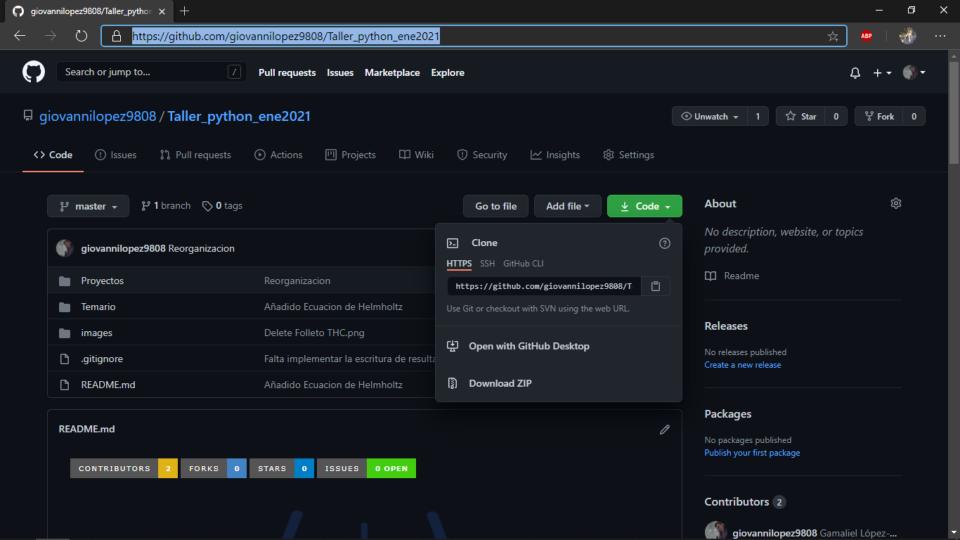
cd

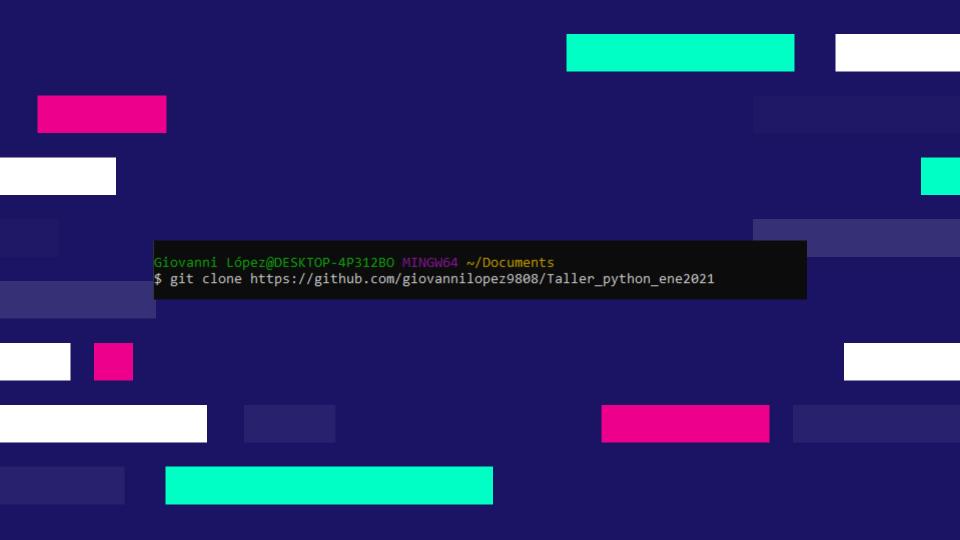
cd

MINGW64:/c/Users/Giovanni López	_	đ	×
Giovanni López@DESKTOP-4P312BO MINGW64 ~  \$ git usage: git [version] [help] [-C <path>] [-c <name>=<value>]</value></name></path>			^
These are common Git commands used in various situations:			
start a working area (see also: git help tutorial) clone Clone a repository into a new directory init Create an empty Git repository or reinitialize an existing one			
work on the current change (see also: git help everyday) add Add file contents to the index mv Move or rename a file, a directory, or a symlink restore Restore working tree files rm Remove files from the working tree and from the index sparse-checkout Initialize and modify the sparse-checkout			
examine the history and state (see also: git help revisions) bisect Use binary search to find the commit that introduced a bug diff Show changes between commits, commit and working tree, etc grep Print lines matching a pattern log Show commit logs show Show various types of objects status Show the working tree status			
grow, mark and tweak your common history branch List, create, or delete branches commit Record changes to the repository merge Join two or more development histories together rebase Reapply commits on top of another base tip reset Reset current HEAD to the specified state switch Switch branches tag Create, list, delete or verify a tag object signed with GPG			
collaborate (see also: git help workflows) fetch Download objects and refs from another repository pull Fetch from and integrate with another repository or a local branch push Update remote refs along with associated objects  'git help -a' and 'git help -g' list available subcommands and some concept guides. See 'git help <command/> ' or 'git help <concept>'</concept>			







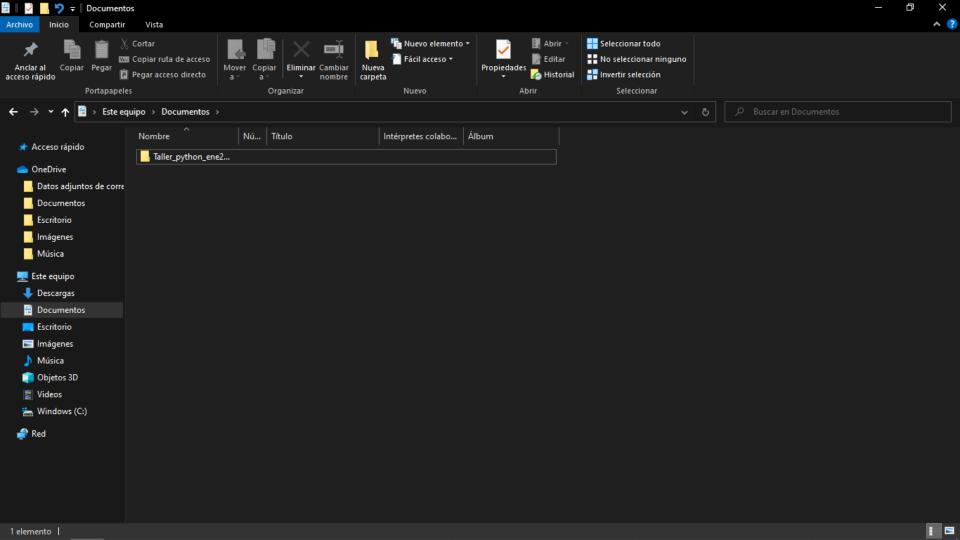


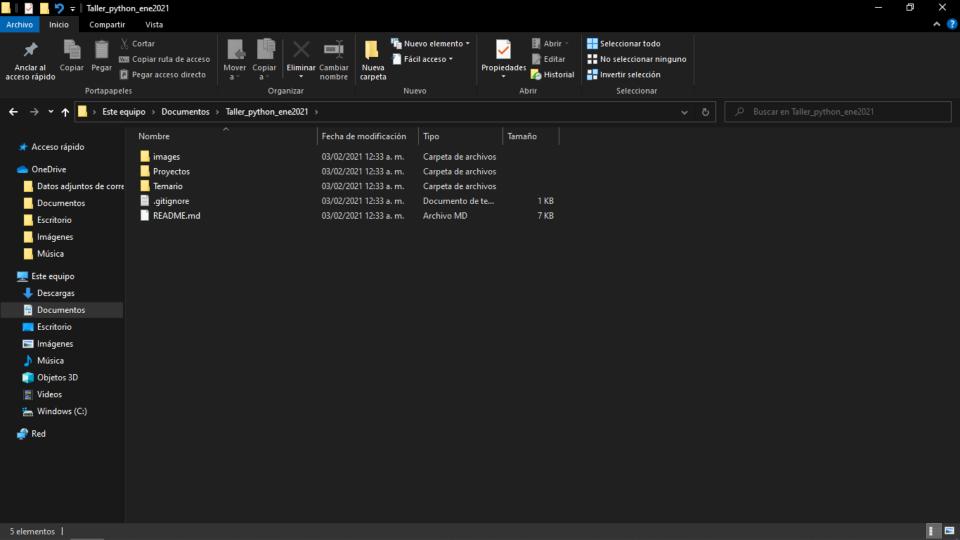
```
Giovanni López@DESKTOP-4P312BO MINGW64 ~/Documents

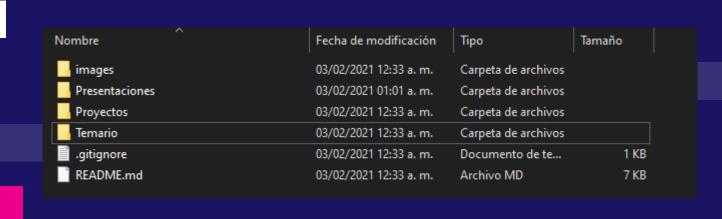
$ git clone https://github.com/giovannilopez9808/Taller_python_ene2021
Cloning into 'Taller_python_ene2021'...
remote: Enumerating objects: 272, done.
remote: Counting objects: 100% (272/272), done.
remote: Compressing objects: 100% (200/200), done.
remote: Total 272 (delta 88), reused 243 (delta 60), pack-reused 0R
Receiving objects: 100% (272/272), 3.00 MiB | 1.10 MiB/s, done.
Resolving deltas: 1% (1/88)
Resolving deltas: 100% (88/88), done.

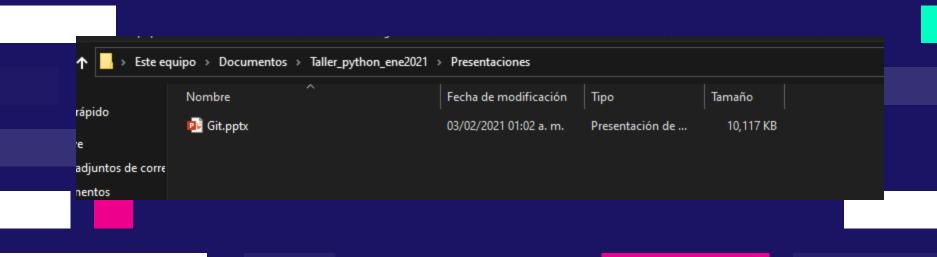
Giovanni López@DESKTOP-4P312BO MINGW64 ~/Documents

$ ____
```









```
Giovanni López@DESKTOP-4P312BO MINGW64 ~/Documents/Taller_python_ene2021 (master)
$ git add .

Giovanni López@DESKTOP-4P312BO MINGW64 ~/Documents/Taller_python_ene2021 (master)
$
```

```
Giovanni López@DESKTOP-4P312BO MINGW64 ~/Documents/Taller python ene2021 (master)
$ git commit -m "Subir presentacion"
Author identity unknown
*** Please tell me who you are.
Run
 git config --global user.email "you@example.com"
  git config --global user.name "Your Name"
to set your account's default identity.
Omit --global to set the identity only in this repository.
fatal: unable to auto-detect email address (got 'Giovanni López@DESKTOP-4P312BO.(nc
ne)')
Giovanni López@DESKTOP-4P312BO MINGW64 ~/Documents/Taller_python_ene2021 (master)
```

```
Giovanni López@DESKTOP-4P312BO MINGW64 ~/Documents/Taller_python_ene2021 (master)
$ git config --global user.email "giovannilopez9808@gmail.com"

Giovanni López@DESKTOP-4P312BO MINGW64 ~/Documents/Taller_python_ene2021 (master)
$ git config --global user.name "Giovanni"

Giovanni López@DESKTOP-4P312BO MINGW64 ~/Documents/Taller_python_ene2021 (master)
$
```

```
Giovanni López@DESKTOP-4P312BO MINGW64 ~/Documents/Taller_python_ene2021 (master)

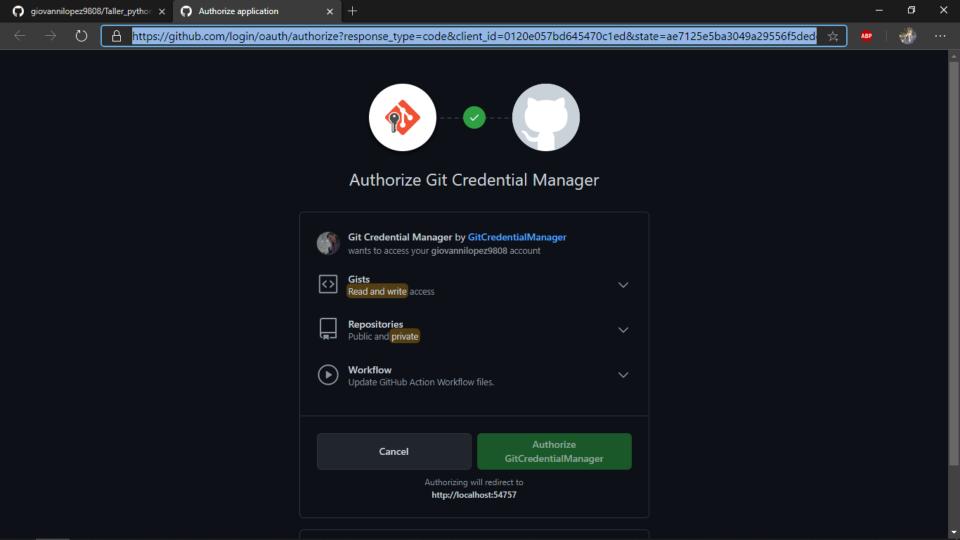
$ git commit -m "Subir presentacion"
[master 8392c72] Subir presentacion

1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Presentaciones/Git.pptx

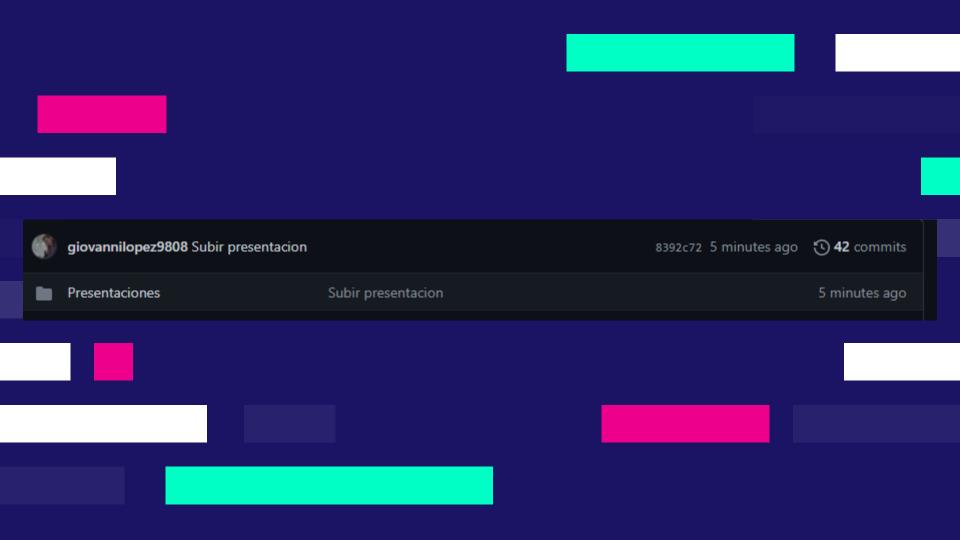
Giovanni López@DESKTOP-4P312BO MINGW64 ~/Documents/Taller_python_ene2021 (master)

$
```

Giovanni López@DESKTOP-4P312BO MINGW64 ~/Documents/Taller\_python\_ene2021 (master) \$ git push origin master  $\times$ Connect to GitHub **GitHub** Sign in Sign in with your browser 🔼 or Personal Access Token Sign in Don't have an account? Sign up



```
Giovanni López@DESKTOP-4P312BO MINGW64 ~/Documents/Taller_python_ene2021 (master)
$ git push origin master
info: please complete authentication in your browser...
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 2 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (4/4), 9.55 MiB | 104.00 KiB/s, done.
Total 4 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/giovannilopez9808/Taller_python_ene2021
    fda4d46..8392c72 master -> master
```



```
→ Taller_python git:(master) git pull
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 4 (delta 1), reused 4 (delta 1), pack-reused 0
Unpacking objects: 100% (4/4), 9.55 MiB | 666.00 KiB/s, done.
From https://github.com/giovannilopez9808/Taller_python_ene2021
   fda4d46..8392c72 master
                                -> origin/master
There is no tracking information for the current branch.
Please specify which branch you want to merge with.
See git-pull(1) for details.
    git pull <remote> <branch>
If you wish to set tracking information for this branch you can do so with
    git branch --set-upstream-to=origin/<branch> master
→ Taller_python git:(master)
```

## → Taller\_python git:(master) git pull origin master

/home/giovanni/Documents/Taller\_python/.git/MERGE\_MSG Merge branch 'master' of https://github.com/giovannilopez9808/Taller pyths [ Read 6 lines ] G Get Help ^O Write Out ^W Where Is ^K Cut Text ^J Justify ^R Read File ^\ Replace ^U Paste Text ^T To Spell

```
→ Taller_python git:(master) git pull origin master
From https://github.com/giovannilopez9808/Taller_python_ene2021
* branch master -> FETCH_HEAD
Merge made by the 'recursive' strategy.
Presentaciones/Git.pptx | Bin 0 -> 10418593 bytes
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Presentaciones/Git.pptx
→ Taller_python git:(master)
```

```
Giovanni López@DESKTOP-4P312BO MINGW64 ~/Documents/Taller_python_ene2021 (master)

$ git pull
remote: Enumerating objects: 7, done.
remote: Counting objects: 100% (7/7), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 5 (delta 2), reused 5 (delta 2), pack-reused 0
Unpacking objects: 100% (5/5), 51.78 KiB | 100.00 KiB/s, done.
From https://github.com/giovannilopez9808/Taller_python_ene2021
    8392c72..0293746 master -> origin/master
Updating 8392c72..0293746
Fast-forward
image.png | Bin 0 -> 65054 bytes
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 image.png

Giovanni López@DESKTOP-4P312BO MINGW64 ~/Documents/Taller_python_ene2021 (master)
```

