

# **GESTION DE VERSIONES DE CODIGO CON GIT**

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**TRABAJO PRESENTADO AL DOCENTE**

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URL : [https://github.com/corjuela12/Se\\_TallerGit.git](https://github.com/corjuela12/Se_TallerGit.git)

```
hola.py x
hola.py > say_hello
1 def say_hello(name="World"):
2
3     print("Hello ", name, " ! ")
4
5     say_hello()
6

PROBLEMAS  SALIDA  CONSOLA DE DEPURACIÓN  TERMINAL

winsof@DESKTOP-E6JJACB MINGW64 ~/Desktop/SE_TallerGit
$ git init
Initialized empty Git repository in C:/Users/winsof/Desktop/SE_TallerGit/.git/

winsof@DESKTOP-E6JJACB MINGW64 ~/Desktop/SE_TallerGit (master)
$ git add *

winsof@DESKTOP-E6JJACB MINGW64 ~/Desktop/SE_TallerGit (master)
$ git status
On branch master

No commits yet

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

winsof@DESKTOP-E6JJACB MINGW64 ~/Desktop/SE_TallerGit (master)
$ git commit -m "version inicial"
[master (root-commit) feeafb4] version inicial
 1 file changed, 5 insertions(+)
 create mode 100644 hola.py
```

```
winsof@DESKTOP-E6JJACB MINGW64 ~/Desktop/SE_TallerGit (master)
$ git branch -M main

winsof@DESKTOP-E6JJACB MINGW64 ~/Desktop/SE_TallerGit (main)
$ git remote add origin https://github.com/corjuela12/Se_TallerGit.git

winsof@DESKTOP-E6JJACB MINGW64 ~/Desktop/SE_TallerGit (main)
$ git push -u origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 278 bytes | 139.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/corjuela12/Se_TallerGit.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
```

## TRABAJO COLABORATIVO

```
winsof@DESKTOP-E6JJACB MINGW64 ~/Desktop/usuario2
$ git clone https://github.com/corjuela12/Se_TallerGit.git
Cloning into 'Se_TallerGit'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.
```

hola.py X

hola.py > say\_hello

```
1 import argparse
2
3 def say_hello(name="World"):
4     print("Hello ", name, "!")
5
6 parser = argparse.ArgumentParser(description='say hello.')
7
8 parser.add_argument('--name', type=str, required=False,
9                     metavar='name', help='your name', default='Mitchell')
10 args= parser.parse_args()
11
12 say_hello(args.name)
13
```

PROBLEMAS SALIDA CONSOLA DE DEPURACIÓN TERMINAL

winsof@DESKTOP-E6JJACB MINGW64 ~/Desktop/usuario2/Se\_TallerGit (main)  
\$ git add \*

winsof@DESKTOP-E6JJACB MINGW64 ~/Desktop/usuario2/Se\_TallerGit (main)  
\$ git commit -m "se agrega --name como argumento del programa"  
[main 71ebfef] se agrega --name como argumento del programa  
1 file changed, 9 insertions(+), 2 deletions(-)

winsof@DESKTOP-E6JJACB MINGW64 ~/Desktop/usuario2/Se\_TallerGit (main)  
\$ git push  
Enumerating objects: 5, done.  
Counting objects: 100% (5/5), done.  
Delta compression using up to 4 threads  
Compressing objects: 100% (2/2), done.  
Writing objects: 100% (3/3), 465 bytes | 232.00 KiB/s, done.  
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0  
To https://github.com/corjuela12/Se\_TallerGit.git  
8ec7571..71ebfef main -> main

winsof@DESKTOP-E6JJACB MINGW64 ~/Desktop/usuario2/Se\_TallerGit (main)  
\$ git log  
commit 71ebfefa9e195268216d9a9d7a3e643c7962840d (HEAD -> main, origin/main, origin/HEAD)  
Author: unknown <mitchellorjuela@gmail.com>  
Date: Mon Mar 21 17:38:51 2022 -0500

se agrega --name como argumento del programa

commit 8ec757193757567fe70c6f6036c63ef31de8cb87  
Author: unknown <mitchellorjuela@gmail.com>  
Date: Mon Mar 21 16:21:35 2022 -0500

version inicial

## AGREGAR UN NUEVO PROGRAMA AL PROYECTO

factorial.py X

factorial.py > ...

```
1  from math import factorial
2
3  num = int(input("Digame un numero: "))
4
5  print ("el Factorial es", factorial(num))
```

```
winsof@DESKTOP-E6JJACB MINGW64 ~/Desktop/usuario2/SE_TallerGit (main)
$ git add factorial.py
```

```
winsof@DESKTOP-E6JJACB MINGW64 ~/Desktop/usuario2/SE_TallerGit (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.
```

```
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   factorial.py
```

```
winsof@DESKTOP-E6JJACB MINGW64 ~/Desktop/usuario2/SE_TallerGit (main)
$ git commit -m "prueba factorial"
[main 357fd89] prueba factorial
 1 file changed, 5 insertions(+)
 create mode 100644 factorial.py
```

```
winsof@DESKTOP-E6JJACB MINGW64 ~/Desktop/usuario2/SE_TallerGit (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)
```

```
nothing to commit, working tree clean
```

```
winsof@DESKTOP-E6JJACB MINGW64 ~/Desktop/usuario2/SE_TallerGit (main)
$ git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 362 bytes | 362.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/corjuela12/Se_TallerGit.git
 86deb97..357fd89  main -> main
```