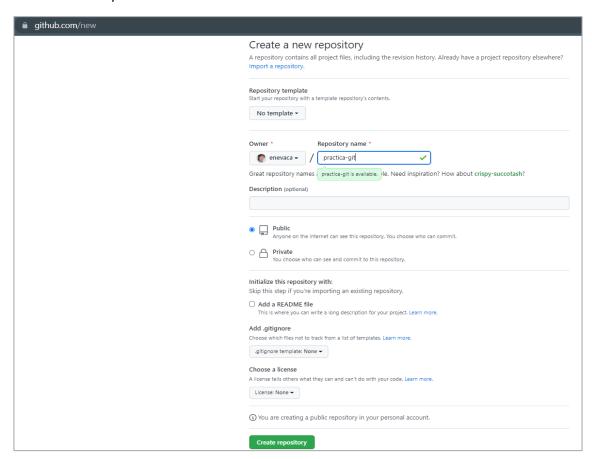
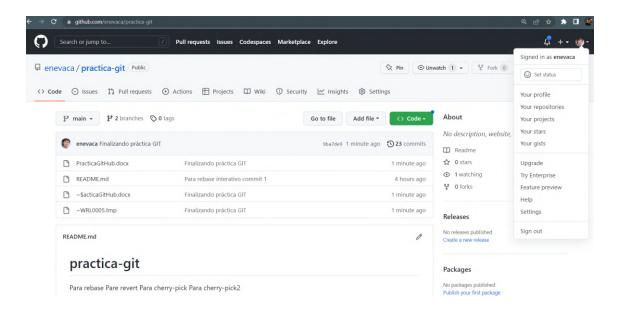
# **Práctica GIT**

Nombre: Esnor Noel Enrique Vaca Moreno

Creación del Proyecto en GitHub





Configuración inicial de GIT:

```
Noel@DESKTOP-FJOCUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git $ etho "# practica-git" >> README.md

Noel@DESKTOP-FJOCUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git $ git init
Initialized empty Git repository in D:/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git/.git/
Noel@DESKTOP-FJOCUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (main) $ git add README.md

Noel@DESKTOP-FJOCUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (main) $ git commit - " first commit"

[main (root-commit) 35e13fd] first commit
1 file changed, 1 insertion(+)
create mode 100644 README.md

Noel@DESKTOP-FJOCUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (main)
$ git remote add origin https://github.com/enevaca/practica-git.git

Noel@DESKTOP-FJOCUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (main)
$ git remote add origin https://github.com/enevaca/practica-git.git

Noel@DESKTOP-FJOCUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (main)
$ git push -u origin main
Enumerating objects: 100% (3/3), done.

Writing objects: 100% (3/3), 229 bytes | 229.00 KiB/s, done.

To https://github.com/enevaca/practica-git.git
    * [new branch] main -> main
    ranch 'main' set up to track 'origin/main'.

Noel@DESKTOP-FJOCUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (main)
$ |
```

#### **Tareas Completadas**





#### 1. Introducción a los commits

```
Noel@DESKTOP-FJ0CUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (main)
$ git add .

Noel@DESKTOP-FJ0CUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (main)
$ git commit -m 'Introducción a los commits'
[main cde9cb6] Introducción a los commits
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 PracticaGitHub.docx

Noel@DESKTOP-FJ0CUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (main)
$ git commit -m 'Introducción a los commits'
[main 588e750] Introducción a los commits'
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 ~$acticaGitHub.docx

Noel@DESKTOP-FJ0CUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (main)
$ git commit -m 'Introducción a los commits'
[main 588e750] Introducción a los commits
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 ~$acticaGitHub.docx

Noel@DESKTOP-FJ0CUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (main)
$ |
```

#### Ramas en GIT

```
Noel@DESKTOP-FJ0CUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (main) $ git branch bugFix

Noel@DESKTOP-FJ0CUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (main) $ git checkout bugFix Switched to branch 'bugFix'

Noel@DESKTOP-FJ0CUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (bugFix) $ |
```

#### 3. Haciendo merge en ramas

```
Noel@DESKTOP-FJ0CUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (bugFix) $ git add .

Noel@DESKTOP-FJ0CUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (bugFix) $ git commit -m 'Commit en bugFix para merge' [bugFix f216101] Commit en bugFix para merge 2 files changed, 0 insertions(+), 0 deletions(-) create mode 100644 ~$acticaGitHub.docx
```

```
Noel@DESKTOP-FJOCUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (bugFix)
$ git checkout main
Switched to branch 'main'
Your branch is ahead of 'origin/main' by 3 commits.
   (use "git push" to publish your local commits)

Noel@DESKTOP-FJOCUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (main)
$ git merge bugFix
Updating 6d28bba..f216101
Fast-forward
PracticaGitHub.docx | Bin 303976 -> 339960 bytes
   ~$acticaGitHub.docx | Bin 0 -> 162 bytes
2 files changed, 0 insertions(+), 0 deletions(-)
   create mode 100644 ~$acticaGitHub.docx

Noel@DESKTOP-FJOCUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (main)
$ |
```

#### 4. Introducción a rebase

```
♦ MINGW64:/d/mdeis/11. Integr × + 

 Noel@DESKTOP-FJ0CUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (main)
$ git checkout bugFix
Switched to branch 'bugFix'
 Noel@DESKTOP-FJ0CUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (bugFix)
$ git add .
Noel@DESKTOP-FJ0CUOU MINGW64 <mark>/d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (bugFix)</mark>
$ git commit -m 'Modificación en bugFix para rebase'
[bugFix 1757964] Modificación en bugFix para rebase
 1 file changed, 1 insertion(+)
Noel@DESKTOP-FJ0CU0U MINGW64 <mark>/d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (bugFix)</mark>
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
 Noel@DESKTOP-FJ0CUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (main)
$ git add .
                                4 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (main)
*git commit - m 'Modificación en main para rebase'
[main 210de8b] Modificación en main para rebase
2 files changed, 0 insertions(+), 0 deletions(-)
delete mode 100644 ~$acticaGitHub.docx
Noel@DESKTOP-FJ0CU0U MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (main)
$ git checkout bugFix
Switched to branch 'bugFix'
 Noel@DESKTOP-FJ0CUOU MINGW64 <mark>/d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (bugFix)</mark>
$ git rebase main
Successfully rebased and updated refs/heads/bugFix.
  el@DESKTOP-FJ0CU0U MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (bugFix)
```

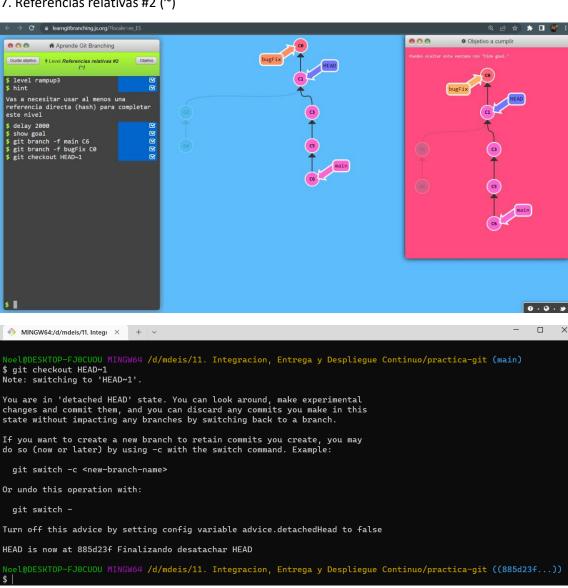
#### 5. Desatachear HEAD

```
- п ×
♦ MINGW64:/d/mdeis/11. Integr × + ∨
 oel@DESKTOP-FJ0CUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git <mark>(main)</mark>
$ git log -1 --stat
                         3481408f54054a980615db672d47d (HEAD -> main, origin/main, bugFix)
Author: Noel Vaca <noel.vm.2501@gmail.com>
Date: Sun Nov 13 23:48:59 2022 -0400
     Finalizando paso rebase
 PracticaGitHub.docx | Bin 446802 -> 587355 bytes
 1 file changed, 0 insertions(+), 0 deletions(-)
NOEL@DESKTOP-FJ0CUOU MINGW64 /d/mdeis/11. Integracion,
$ git checkout 2afd9e127a43481408f54054a980615db672d47d
                                                                        Entrega y Despliegue Continuo/practica-git (main)
Note: switching to '2afd9e127a43481408f54054a980615db672d47d'.
You are in 'detached HEAD' state. You can look around, make experimental changes and commit them, and you can discard any commits you make in this state without impacting any branches by switching back to a branch.
If you want to create a new branch to retain commits you create, you may do so (now or later) by using -c with the switch command. Example:
  git switch -c <new-branch-name>
Or undo this operation with:
  git switch -
Turn off this advice by setting config variable advice.detachedHead to false
HEAD is now at 2afd9e1 Finalizando paso rebase
    l@DESKTOP-FJ0CU0U MINGW64 <mark>/d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git ((2afd9e1...))</mark>
```

#### 6. Referencias alternativas ^

```
/d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (main)
$ git checkout bugFix^
Note: switching to 'bugFix^'.
You are in 'detached HEAD' state. You can look around, make experimental changes and commit them, and you can discard any commits you make in this state without impacting any branches by switching back to a branch.
If you want to create a new branch to retain commits you create, you may do so (now or later) by using -c with the switch command. Example:
   git switch -c <new-branch-name>
Or undo this operation with:
   git switch -
Turn off this advice by setting config variable advice.detachedHead to false
HEAD is now at a74db3b Modificación en bugFix para rebase
   pel@DESKTOP-FJOCUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git ((a74db3b...))
```

#### 7. Referencias relativas #2 (~)



#### 8. Revirtiendo cambios en GIT

```
[OP-FJOCUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (main)
$ git add .
     @DESKTOP-FJ0CU0U MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (main)
$ git commit -m 'Cambio para revert'
[main 13d2373] Cambio para revert
 1 file changed, 2 insertions(+), 1 deletion(-)
 Noel@DESKTOP-FJ0CUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (main)
$ git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 327 bytes | 327.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/enevaca/practica-git.git
    c2a98a7..13d2373 main -> main
 loel@DESKTOP-FJ0CUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (main)
$ git add .
 Noel@DESKTOP-FJ0CU0U MINGW64 <mark>/d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (main)</mark>
$ git commit -m 'Cambio para reset'
[main 940f8c0] Cambio para reset
 1 file changed, 2 insertions(+), 1 deletion(-)
 Noel@DESKTOP-FJ0CU0U MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (main)
$ git reset HEAD~1
```

```
Noel@DESKTOP-FJ0CUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (main)
$ git checkout 13d23736eb5bff3f30a1c241a21c250604ca8b53'.

You are in 'detached HEAD' state. You can look around, make experimental changes and commit them, and you can discard any commits you make in this state without impacting any branches by switching back to a branch.

If you want to create a new branch to retain commits you create, you may do so (now or later) by using -c with the switch command. Example:

git switch -c <new-branch-name>

Or undo this operation with:

git switch -

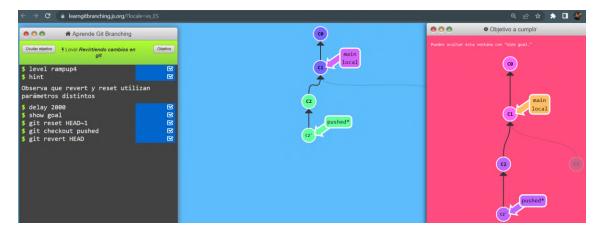
Turn off this advice by setting config variable advice.detachedHead to false

HEAD is now at 13d2373 Cambio para revert

Noel@DESKTOP-FJ0CUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git ((13d2373...))
$ git revert HEAD

[detached HEAD 8633cf1] Revert "Cambio para revert"

1 file changed, 1 insertion(+), 2 deletions(-)
```



#### 9. Introducción a cherry-pick

```
Noel@DESKTOP-FJ@CUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (bugFix)
$ git log -2 --stat
commit e2cd67e5294399a2a356f9f156ee5deb5924cccd (HEAD -> bugFix, origin/bugFix)
Author: Noel Vaca <noel.vm.2501@gmail.com>
Date: Mon Nov 14 01:47:36 2022 -04000

Para cherry-pic 2

README.md | 3 ++-
1 file changed, 2 insertions(+), 1 deletion(-)

commit c8629c8497526cd6a6517d02a0b9cf00f820b000
Author: Noel Vaca <noel.vm.2501@gmail.com>
Date: Mon Nov 14 01:44:12 2022 -04000

Para cherry-pic

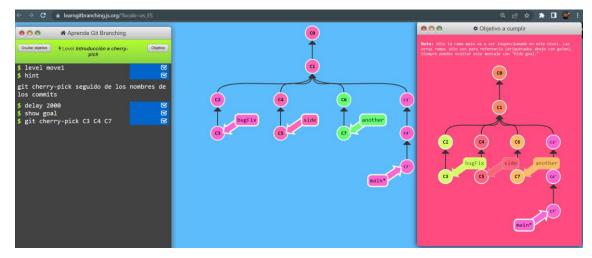
README.md | 3 ++-
1 file changed, 2 insertions(+), 1 deletion(-)

Noel@DESKTOP-FJ@CUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (bugFix)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

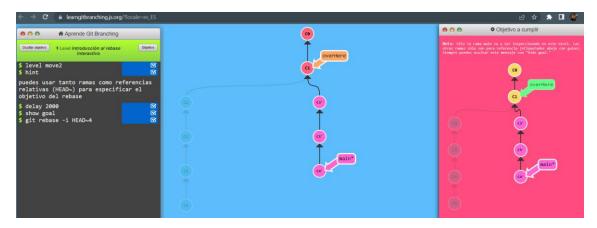
Noel@DESKTOP-FJ@CUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (main)
$ git cherry-pick c8629c8497526cd6a6517d02a0b9cf00f820b000 e2cd67e5204390a2a356f9f156ee5deb5924cccd
[main f60f0abe] Para cherry-pic
Date: Mon Nov 14 01:44:12 2022 -0400

1 file changed, 2 insertions(+), 1 deletion(-)
[main ce5d054] Para cherry-pic 2
Date: Mon Nov 14 01:47:36 2022 -0400

1 file changed, 2 insertions(+), 1 deletion(-)
[Moel@DESKTOP-FJ@CUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (main)
$ | Noel@DESKTOP-FJ@CUOU MINGW64 /d/mdeis/11. Integracion, Entrega y Despliegue Continuo/practica-git (main)
```



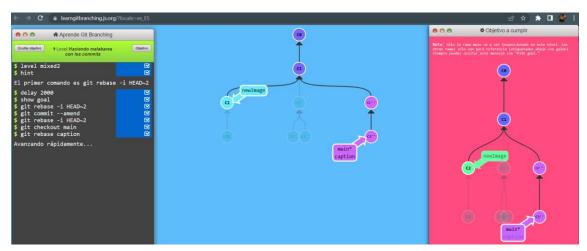
#### 10. Introducción al rebase interativo



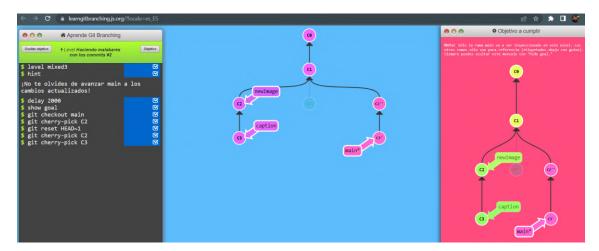
#### 11. Tomando un único commit



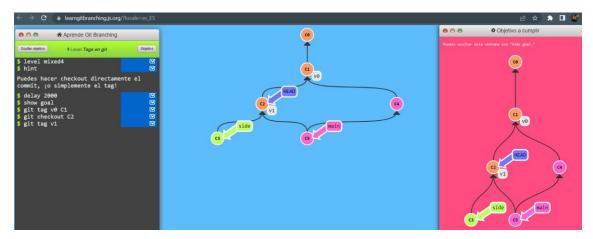
#### Haciendo malabares con los commits



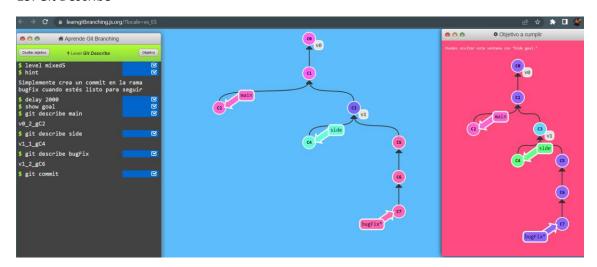
# 13. Haciendo malabares con los commits # 2



# 14. Tags en Git



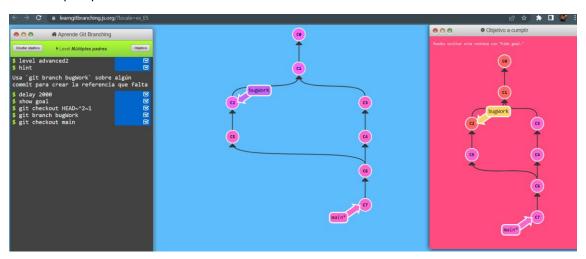
# 15. Git Describe



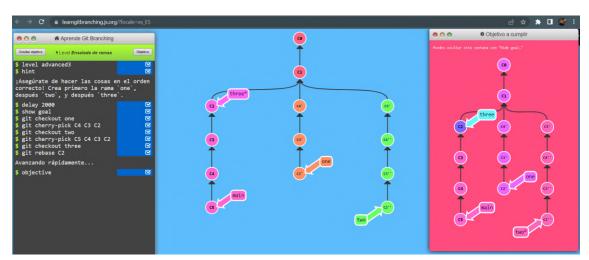
# 16. Rebaseando más de 9000 veces



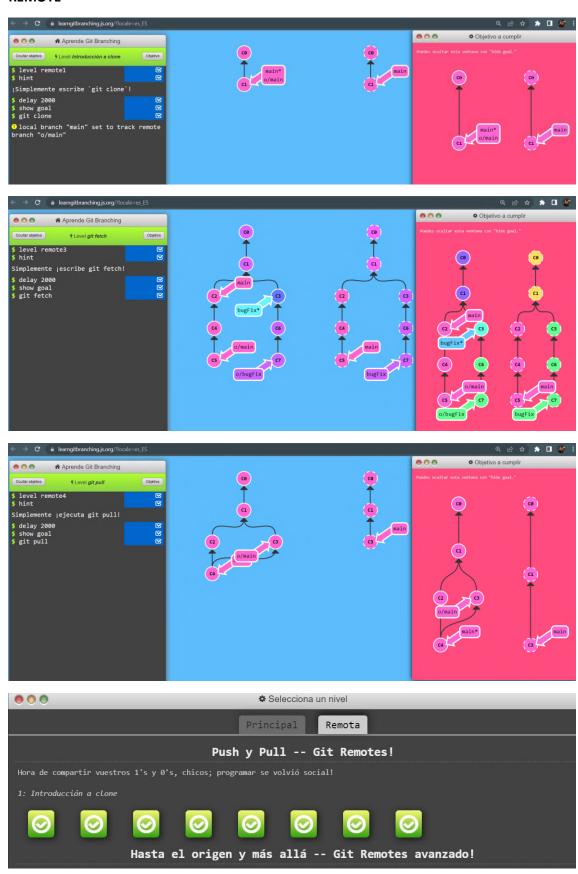
# 17. Múltiples padres



# 18. Ensalada de ramas



### **REMOTE**



# Nombre: Esnor Noel Enrique Vaca Moreno

**Repaso de GIT** Integración, Entrega y Despliegue continuo - MDEISV2E1

