



# **Actividad 4**

Luis Alberto Calapuja Apaza

```
marg_@LAPTOP-IDTSNQ29 MINGW64 ~  
$ git config --global user.name "LuisCalapuja"  
  
marg_@LAPTOP-IDTSNQ29 MINGW64 ~  
$ git config --global user.email "lcalapujaa@uni.pe"
```

```
marg_@LAPTOP-IDTSNQ29 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  
core.editor="C:\\Users\\marg_\\AppData\\Local\\Programs\\Microsoft VS Code\\bin\\code" -  
-wait  
user.email=lcalapujaa@uni.pe  
user.name=LuisCalapuja
```



# Presentando en git

# Inicializando un repositorio

---

```
marg_@LAPTOP-IDTSNQ29 MINGW64 ~  
$ pwd  
/c/Users/marg_  
  
marg_@LAPTOP-IDTSNQ29 MINGW64 ~  
$ mkdir LuisCalapuja-repo  
  
marg_@LAPTOP-IDTSNQ29 MINGW64 ~  
$ cd LuisCalapuja-repo  
  
marg_@LAPTOP-IDTSNQ29 MINGW64 ~/LuisCalapuja-repo  
$ pwd  
/c/Users/marg_/LuisCalapuja-repo  
  
marg_@LAPTOP-IDTSNQ29 MINGW64 ~/LuisCalapuja-repo  
$ git init  
Initialized empty Git repository in C:/Users/marg_/LuisCalapuja-repo/.git/
```

# Git Add

---

```
marg_@LAPTOP-IDTSNQ29 MINGW64 ~/LuisCalapuja-repo (master)
$ echo " README" > README.md

marg_@LAPTOP-IDTSNQ29 MINGW64 ~/LuisCalapuja-repo (master)
$ git status
On branch master

No commits yet

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

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

marg_@LAPTOP-IDTSNQ29 MINGW64 ~/LuisCalapuja-repo (master)
$ git add README.md
warning: in the working copy of 'README.md', LF will be replaced by CRLF the next time Git touches it

marg_@LAPTOP-IDTSNQ29 MINGW64 ~/LuisCalapuja-repo (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   README.md
```

# Primer Commit

```
marg_@LAPTOP-IDTSNQ29 MINGW64 ~/LuisCalapuja-repo (master)
$ git commit -m "Initial commit with README.md"
>
[master (root-commit) 0c60fa1] Initial commit with README.md
1 file changed, 1 insertion(+)
create mode 100644 README.md

marg_@LAPTOP-IDTSNQ29 MINGW64 ~/LuisCalapuja-repo (master)
$ git status
On branch master
nothing to commit, working tree clean

marg_@LAPTOP-IDTSNQ29 MINGW64 ~/LuisCalapuja-repo (master)
$ git log
commit 0c60fa1368fef195974df692e21de3af428d2d1a (HEAD -> master)
Author: LuisCalapuja <lcalapujaa@uni.pe>
Date:   Sun Apr 6 15:20:39 2025 -0500

    Initial commit with README.md
```

```
marg_@LAPTOP-IDTSNQ29 MINGW64 ~/LuisCalapuja-repo (master)
$ echo " CONTRIBUTING" > CONTRIBUTING.md

marg_@LAPTOP-IDTSNQ29 MINGW64 ~/LuisCalapuja-repo (master)
$ echo " README\n\nWelcome to the project" > README.md

marg_@LAPTOP-IDTSNQ29 MINGW64 ~/LuisCalapuja-repo (master)
$ git add .
warning: in the working copy of 'README.md', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'CONTRIBUTING.md', LF will be replaced by CRLF the next time Git touches it

marg_@LAPTOP-IDTSNQ29 MINGW64 ~/LuisCalapuja-repo (master)
$ git commit -m "Set up the repository base documentation"
[master ca22187] Set up the repository base documentation
 2 files changed, 2 insertions(+), 1 deletion(-)
 create mode 100644 CONTRIBUTING.md

marg_@LAPTOP-IDTSNQ29 MINGW64 ~/LuisCalapuja-repo (master)
$ echo "print('Hello World')" > main.py

marg_@LAPTOP-IDTSNQ29 MINGW64 ~/LuisCalapuja-repo (master)
$ git add .
warning: in the working copy of 'main.py', LF will be replaced by CRLF the next time Git touches it

marg_@LAPTOP-IDTSNQ29 MINGW64 ~/LuisCalapuja-repo (master)
$ git commit -m "Add main.py"
[master 99494f6] Add main.py
 1 file changed, 1 insertion(+)
 create mode 100644 main.py

marg_@LAPTOP-IDTSNQ29 MINGW64 ~/LuisCalapuja-repo (master)
$ git log --oneline
99494f6 (HEAD -> master) Add main.py
ca22187 Set up the repository base documentation
0c60fa1 Initial commit with README.md
```

# Git Branch, checkout

---

```
marg_@LAPTOP-IDTSNQ29 MINGW64 ~/LuisCalapuja-repo (master)
$ git branch hotfix/bugfix abc1234
fatal: not a valid object name: 'abc1234'

marg_@LAPTOP-IDTSNQ29 MINGW64 ~/LuisCalapuja-repo (master)
$ git branch hotfix/bugfix ca22187

marg_@LAPTOP-IDTSNQ29 MINGW64 ~/LuisCalapuja-repo (master)
$ git checkout hotfix/bugfix
Switched to branch 'hotfix/bugfix'

marg_@LAPTOP-IDTSNQ29 MINGW64 ~/LuisCalapuja-repo (hotfix/bugfix)
$ git switch feature/new-feature
Switched to branch 'feature/new-feature'

marg_@LAPTOP-IDTSNQ29 MINGW64 ~/LuisCalapuja-repo (feature/new-feature)
$ git branch
  develop
  feature/login
* feature/new-feature
  hotfix/bugfix
  master

marg_@LAPTOP-IDTSNQ29 MINGW64 ~/LuisCalapuja-repo (feature/new-feature)
$ git checkout -b feature/another-new-feature
Switched to a new branch 'feature/another-new-feature'
```

# Git merge: fusionando ramas

```
marg_@LAPTOP-IDTSNQ29 MINGW64 ~/LuisCalapuja-repo (feature/advanced-feature)
$ git checkout master
Switched to branch 'master'

marg_@LAPTOP-IDTSNQ29 MINGW64 ~/LuisCalapuja-repo (master)
$ nano main.py

marg_@LAPTOP-IDTSNQ29 MINGW64 ~/LuisCalapuja-repo (master)
$ git add main.py

marg_@LAPTOP-IDTSNQ29 MINGW64 ~/LuisCalapuja-repo (master)
$ git commit -m "Update main.py message in main branch"
[master 06e6dab] Update main.py message in main branch
1 file changed, 1 insertion(+), 1 deletion(-)

marg_@LAPTOP-IDTSNQ29 MINGW64 ~/LuisCalapuja-repo (master)
$ git log
commit 06e6dab9f669b732a2eca74397daf013ceaef798 (HEAD -> master)
Author: LuisCalapuja <lcalapujaa@uni.pe>
Date: Sun Apr 6 16:41:15 2025 -0500

    Update main.py message in main branch

commit 99494f64d84940171a925f8a8df976ced7d9d830 (feature/login, feature/another-
new-feature, develop)
Author: LuisCalapuja <lcalapujaa@uni.pe>
Date: Sun Apr 6 15:34:18 2025 -0500

    Add main.py

commit ca22187d2a072f4ece62754b5ffd5fe0144c6c0b (hotfix/bugfix)
Author: LuisCalapuja <lcalapujaa@uni.pe>
Date: Sun Apr 6 15:33:19 2025 -0500

    Set up the repository base documentation

commit 0c60fa1368fef195974df692e21de3af428d2d1a
Author: LuisCalapuja <lcalapujaa@uni.pe>
Date: Sun Apr 6 15:20:39 2025 -0500

marg_@LAPTOP-IDTSNQ29 MINGW64 ~/LuisCalapuja-repo (master)
$ git merge feature/advanced-feature
Auto-merging main.py
CONFLICT (content): Merge conflict in main.py
Automatic merge failed; fix conflicts and then commit the result.
```