

# Tarea 1

1. Inicializar un repositorio, agregar un archivo de texto y crear branches feature-a y feature-b
2. Cambiarse a feature-a y agregar una línea al archivo
3. Cambiarse a feature-b y agregar una línea al archivo, en una línea diferente que en el paso anterior
4. Cambiarse a main y hacer merge con feature-a
5. Intentar hacer merge con feature-b
6. Resolver conflictos y finalizar el merge

## Paso 1

```
rag@Astarte MINGW64 /c/users/rag
$ mkdir tareaGit

rag@Astarte MINGW64 /c/users/rag
$ cd tareaGit/ && git init
Initialized empty Git repository in C:/Users/rag/tareaGit/.git/

rag@Astarte MINGW64 /c/users/rag/tareaGit (master)
$ touch newFile.txt

rag@Astarte MINGW64 /c/users/rag/tareaGit (master)
$ git add newFile.txt

rag@Astarte MINGW64 /c/users/rag/tareaGit (master)
$ git commit -m "initial commit"
[master (root-commit) 1bf7811] initial commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 newFile.txt

rag@Astarte MINGW64 /c/users/rag/tareaGit (master)
$ git branch feature-a

rag@Astarte MINGW64 /c/users/rag/tareaGit (master)
$ git branch feature-b
```

## Paso 2

```
rag@Astarte MINGW64 /c/users/rag/tareaGit (master)
$ git switch feature-a
Switched to branch 'feature-a'

rag@Astarte MINGW64 /c/users/rag/tareaGit (feature-a)
$ cat newFile.txt

rag@Astarte MINGW64 /c/users/rag/tareaGit (feature-a)
$ vim newFile.txt

rag@Astarte MINGW64 /c/users/rag/tareaGit (feature-a)
$ cat newFile.txt
linea agregada en feature-a

rag@Astarte MINGW64 /c/users/rag/tareaGit (feature-a)
$ git add . && git commit -m "initial commit feature-a"
warning: in the working copy of 'newFile.txt', LF will be replaced by CRLF t
he next time Git touches it
[feature-a 1d4f5f3] initial commit feature-a
1 file changed, 1 insertion(+)
```

## Paso 3

```
rag@Astarte MINGW64 /c/users/rag/tareaGit (feature-a)
$ git switch feature-b
Switched to branch 'feature-b'

rag@Astarte MINGW64 /c/users/rag/tareaGit (feature-b)
$ cat newFile.txt

rag@Astarte MINGW64 /c/users/rag/tareaGit (feature-b)
$ vim newFile.txt

rag@Astarte MINGW64 /c/users/rag/tareaGit (feature-b)
$ cat newFile.txt

linea agregada en feature-b

rag@Astarte MINGW64 /c/users/rag/tareaGit (feature-b)
$ git add . && git commit -m "initial commit feature-b"
warning: in the working copy of 'newFile.txt', LF will be replaced by CRLF t
he next time Git touches it
[feature-b 0fd21e3] initial commit feature-b
1 file changed, 2 insertions(+)
```

## Paso 4

```
rag@Astarte MINGW64 /c/users/rag/tareaGit (feature-b)
$ git switch master
Switched to branch 'master'

rag@Astarte MINGW64 /c/users/rag/tareaGit (master)
$ git merge feature-a
Updating 09dcf28..1d4f5f3
Fast-forward
 newFile.txt | 1 +
 1 file changed, 1 insertion(+)

rag@Astarte MINGW64 /c/users/rag/tareaGit (master)
$ cat newFile.txt
linea agregada en feature-a
```

## Paso 5

```
rag@Astarte MINGW64 /c/users/rag/tareaGit (master)
$ git merge feature-b
Auto-merging newFile.txt
CONFLICT (content): Merge conflict in newFile.txt
Automatic merge failed; fix conflicts and then commit the result.

rag@Astarte MINGW64 /c/users/rag/tareaGit (master|MERGING)
$ cat newFile.txt
<<<<<<< HEAD
linea agregada en feature-a
=====
linea agregada en feature-b
>>>>>>> feature-b
```

## Paso 6

```
rag@Astarte MINGW64 /c/users/rag/tareaGit (master)
$ git merge feature-b
Auto-merging newFile.txt
CONFLICT (content): Merge conflict in newFile.txt
Automatic merge failed; fix conflicts and then commit the result.

rag@Astarte MINGW64 /c/users/rag/tareaGit (master|MERGING)
$ cat newFile.txt
<<<<<<< HEAD
linea agregada en feature-a
=====

linea agregada en feature-b
>>>>>>> feature-b

rag@Astarte MINGW64 /c/users/rag/tareaGit (master|MERGING)
$ vim newFile.txt

rag@Astarte MINGW64 /c/users/rag/tareaGit (master|MERGING)
$ cat newFile.txt
linea agregada en feature-a
linea agregada en feature-b

rag@Astarte MINGW64 /c/users/rag/tareaGit (master|MERGING)
$ git commit -am "merged and resolved conflicts"
[master 6410899] merged and resolved conflicts

rag@Astarte MINGW64 /c/users/rag/tareaGit (master)
$ cat newFile.txt
linea agregada en feature-a
linea agregada en feature-b
```