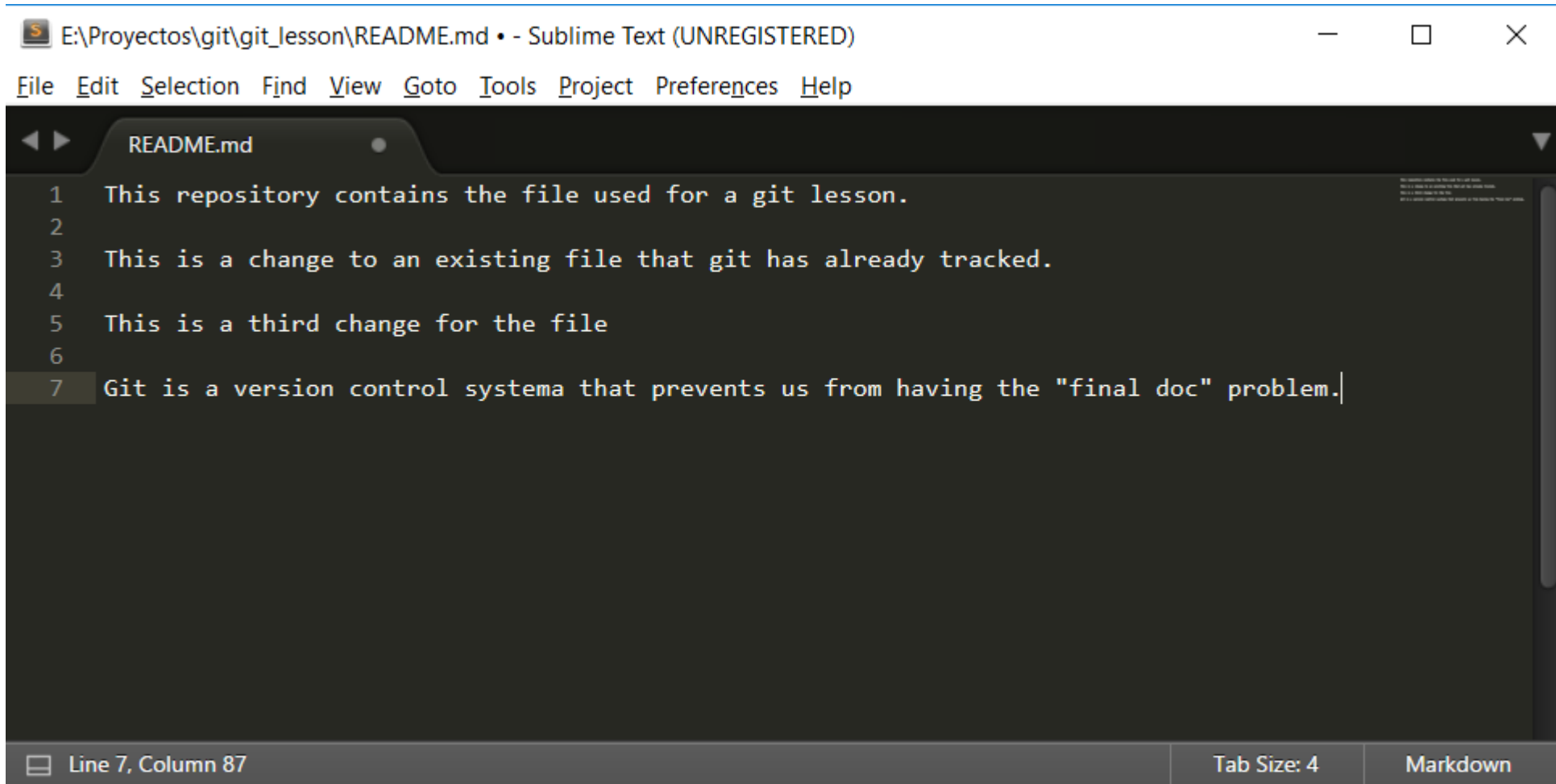


Git: Validación de Cambios

Elaborado por:

Gary Briceño – Gary.briceno@gmail.com

Realizamos un cambio en el archivo `README.md`

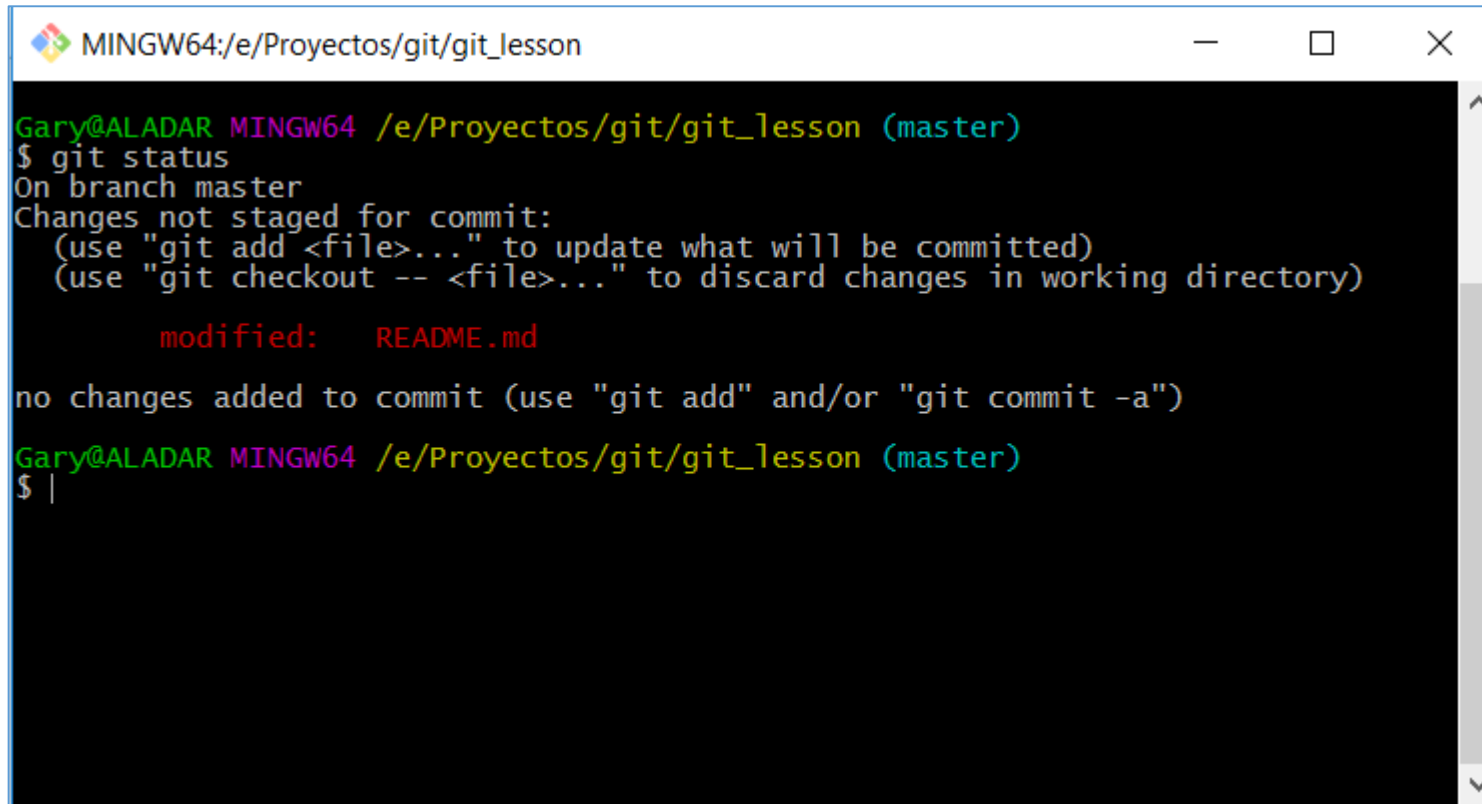


The screenshot shows a Sublime Text editor window titled "E:\Proyectos\git\git_lesson\README.md • - Sublime Text (UNREGISTERED)". The menu bar includes File, Edit, Selection, Find, View, Goto, Tools, Project, Preferences, and Help. The editor displays a single tab for "README.md" with the following content:

```
1 This repository contains the file used for a git lesson.  
2  
3 This is a change to an existing file that git has already tracked.  
4  
5 This is a third change for the file  
6  
7 Git is a version control systema that prevents us from having the "final doc" problem.
```

The status bar at the bottom indicates "Line 7, Column 87", "Tab Size: 4", and "Markdown".

Verificamos el estatus con: `$ git status`

A terminal window titled 'MINGW64:/e/Proyectos/git/git_lesson' with standard window controls. The terminal shows the command 'git status' being executed. The output indicates the user is on the 'master' branch and that 'README.md' has been modified but not staged for commit. It provides instructions on how to stage changes with 'git add' or discard them with 'git checkout --'.

```
MINGW64:/e/Proyectos/git/git_lesson
Gary@ALADAR MINGW64 /e/Proyectos/git/git_lesson (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

        modified:   README.md

no changes added to commit (use "git add" and/or "git commit -a")
Gary@ALADAR MINGW64 /e/Proyectos/git/git_lesson (master)
$ |
```

Visualización de diferencias entre archivos: `$ git diff`

```
MINGW64:/e/Proyectos/git/git_lesson
(use "git add <file>..." to update what will be committed)
(use "git checkout -- <file>..." to discard changes in working directory)

    modified:   README.md

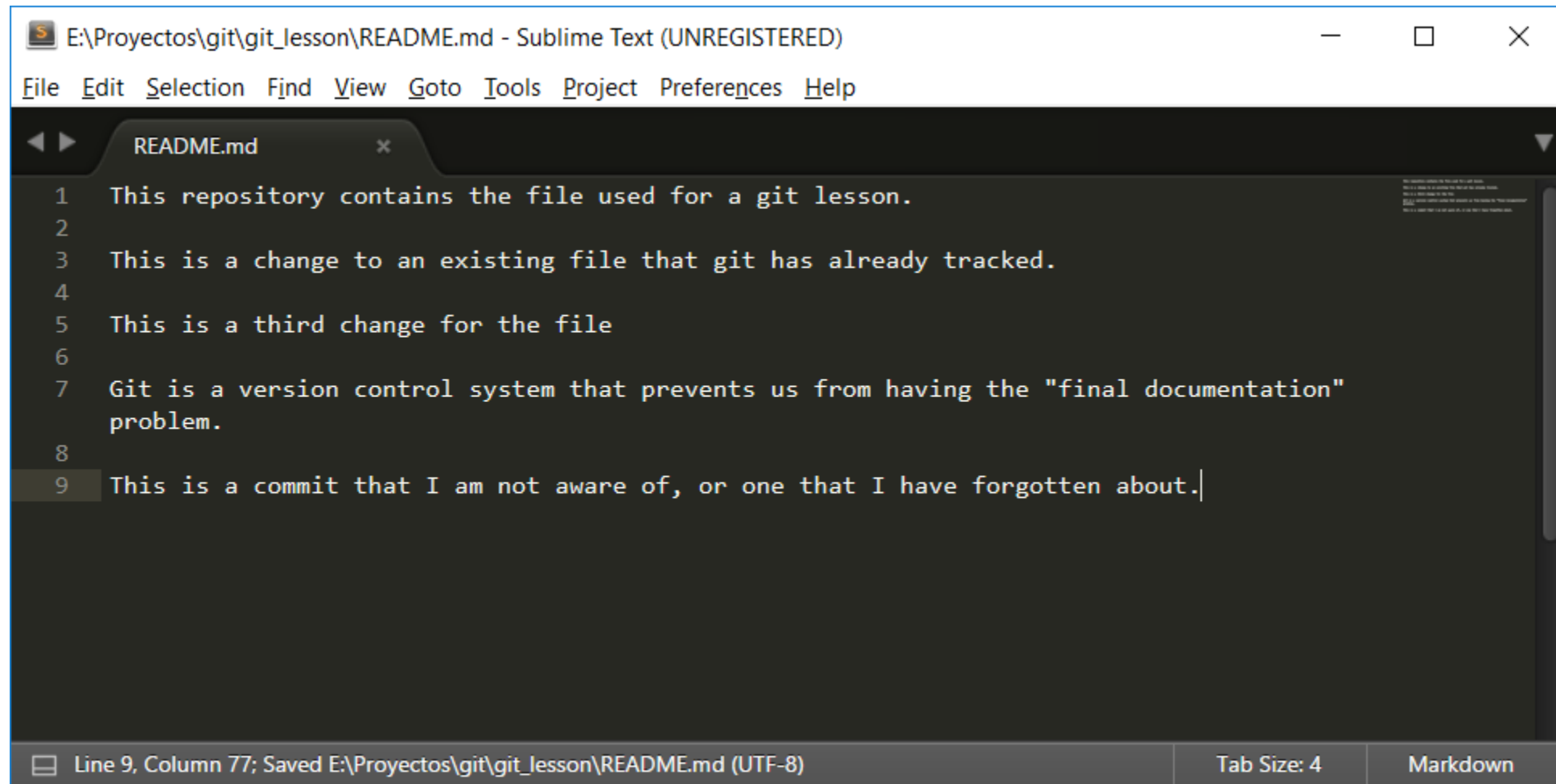
no changes added to commit (use "git add" and/or "git commit -a")
Gary@ALADAR MINGW64 /e/Proyectos/git/git_lesson (master)
$ git diff
diff --git a/README.md b/README.md
index b8a2b19..e693774 100644
--- a/README.md
+++ b/README.md
@@ -4,4 +4,4 @@ This is a change to an existing file that git has already tracked.

This is a third change for the file

-Git is a version control system that prevents us from having the "final document" problem.
\ No newline at end of file
+Git is a version control system that prevents us from having the "final documentation" problem.
\ No newline at end of file
Gary@ALADAR MINGW64 /e/Proyectos/git/git_lesson (master)
$ |
```

- Al ejecutar `$ git diff`, se pueden visualizar las diferencias entre el archivo actual y un archivo que se encuentra en proceso de cambio.
- Luego de visualizar los cambios agregamos el archivo al proyecto: `$ git add README.md`
- Realizamos el commit : `$ git commit`

Agregamos una nueva línea a `README.md`



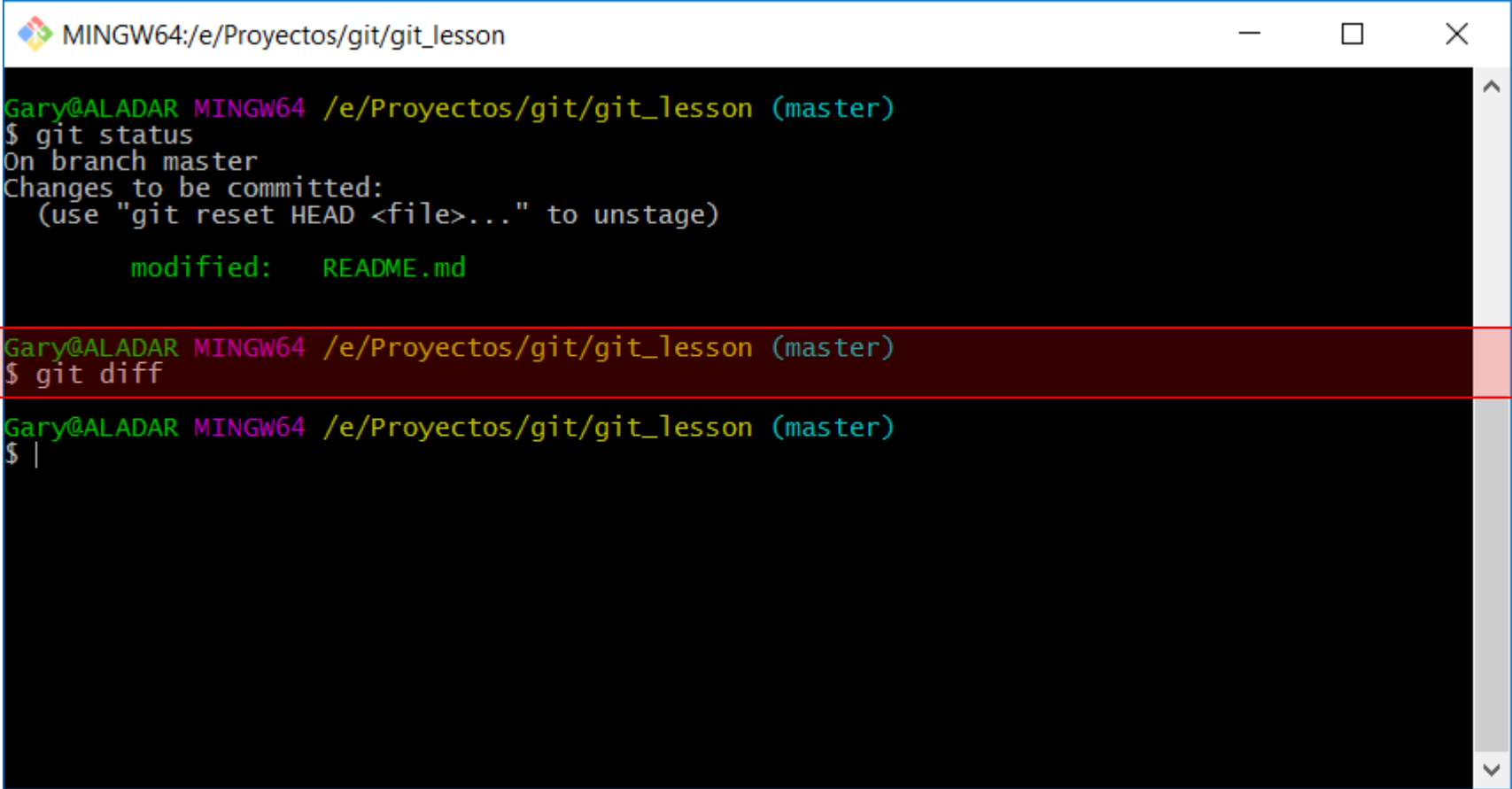
The screenshot shows the Sublime Text editor window titled "E:\Proyectos\git\git_lesson\README.md - Sublime Text (UNREGISTERED)". The menu bar includes File, Edit, Selection, Find, View, Goto, Tools, Project, Preferences, and Help. The editor displays the following content:

```
1 This repository contains the file used for a git lesson.
2
3 This is a change to an existing file that git has already tracked.
4
5 This is a third change for the file
6
7 Git is a version control system that prevents us from having the "final documentation"
  problem.
8
9 This is a commit that I am not aware of, or one that I have forgotten about.
```

The status bar at the bottom indicates "Line 9, Column 77; Saved E:\Proyectos\git\git_lesson\README.md (UTF-8)", "Tab Size: 4", and "Markdown".

- Agregamos el archivo al proyecto: `$ git add .`

Verificamos las diferencias:



```
MINGW64:/e/Proyectos/git/git_lesson
Gary@ALADAR MINGW64 /e/Proyectos/git/git_lesson (master)
$ git status
On branch master
Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

        modified:   README.md

Gary@ALADAR MINGW64 /e/Proyectos/git/git_lesson (master)
$ git diff

Gary@ALADAR MINGW64 /e/Proyectos/git/git_lesson (master)
$ |
```

- Al agregar el archivo, este se encuentra en el Stage Area o área de ensayo.
- Al ejecutar el comando: **\$ git diff**, se observan que no hay diferencias

Verificar las diferencias en el stage: `$ git diff --staged`

```
MINGW64:/e/Proyectos/git/git_lesson
Gary@ALADAR MINGW64 /e/Proyectos/git/git_lesson (master)
$ git status
On branch master
Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

        modified:   README.md

Gary@ALADAR MINGW64 /e/Proyectos/git/git_lesson (master)
$ git diff

Gary@ALADAR MINGW64 /e/Proyectos/git/git_lesson (master)
$ git diff --staged
diff --git a/README.md b/README.md
index e693774..df75026 100644
--- a/README.md
+++ b/README.md
@@ -4,4 +4,6 @@ This is a change to an existing file that git has already tracked.

 This is a third change for the file

-Git is a version control system that prevents us from having the "final documentation" problem.
\ No newline at end of file
+Git is a version control system that prevents us from having the "final documentation" problem.
+
+This is a commit that I am not aware of, or one that I have forgotten about.
\ No newline at end of file

Gary@ALADAR MINGW64 /e/Proyectos/git/git_lesson (master)
$ |
```

- Con este comando verificamos las diferencias entre nuestro archivo en **stage** y el último **commit** realizado.

Realizamos el último commit: `$ git commit -m 'mensaje'`

```
MINGW64:/e/Proyectos/git/git_lesson
Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

        modified:   README.md

Gary@ALADAR MINGW64 /e/Proyectos/git/git_lesson (master)
$ git diff

Gary@ALADAR MINGW64 /e/Proyectos/git/git_lesson (master)
$ git diff --staged
diff --git a/README.md b/README.md
index e693774..df75026 100644
--- a/README.md
+++ b/README.md
@@ -4,4 +4,6 @@ This is a change to an existing file that git has already tracked.

This is a third change for the file

-Git is a version control system that prevents us from having the "final documentation" problem.
\ No newline at end of file
+Git is a version control system that prevents us from having the "final documentation" problem.
+
+This is a commit that I am not aware of, or one that I have forgotten about.
\ No newline at end of file

Gary@ALADAR MINGW64 /e/Proyectos/git/git_lesson (master)
$ git commit -m 'I remembered the last commit'
[master b0d9207] I remembered the last commit
1 file changed, 3 insertions(+), 1 deletion(-)

Gary@ALADAR MINGW64 /e/Proyectos/git/git_lesson (master)
$ |
```