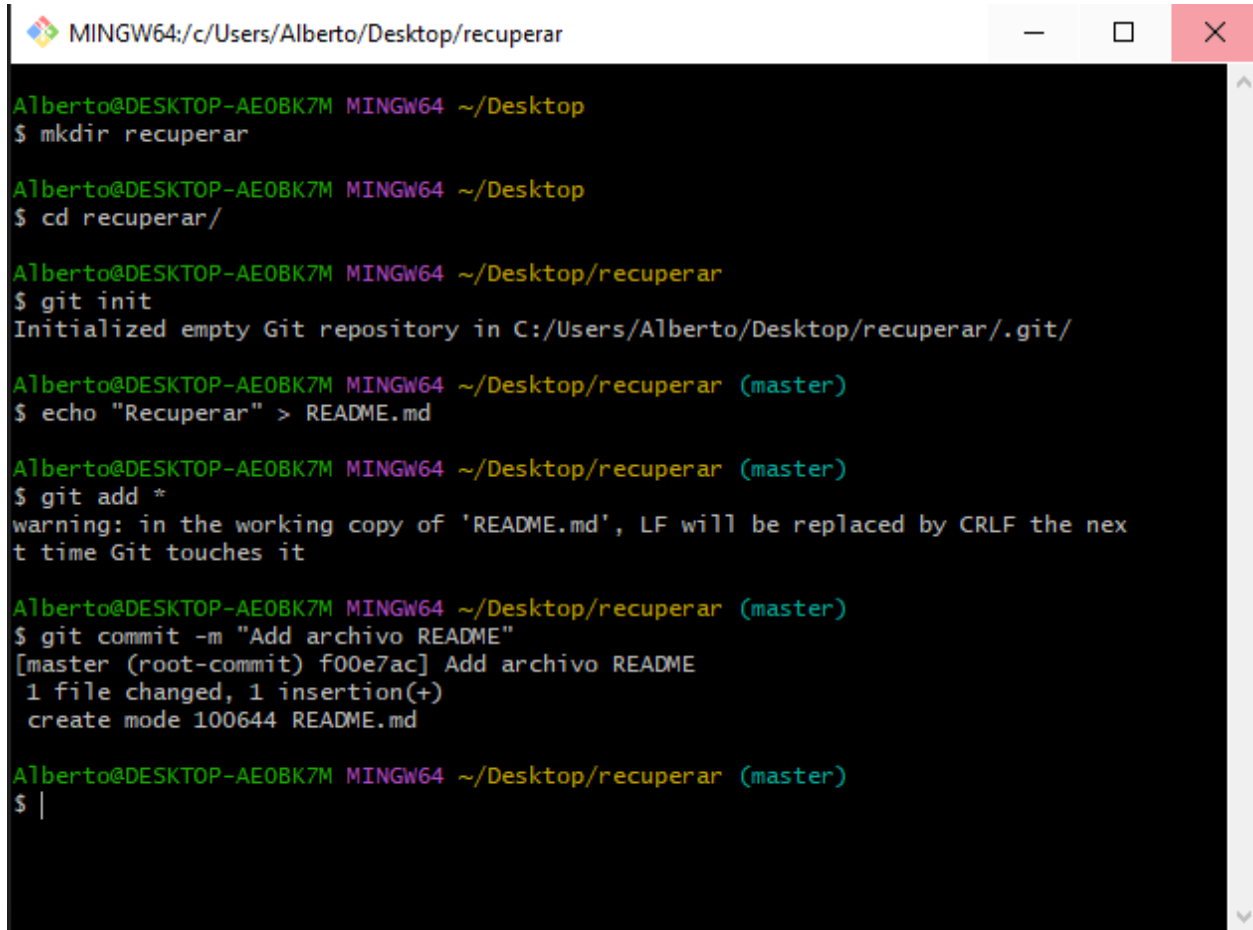


Recuperación de Commit

1- Inicializo el repositorio y le añado el archivo "README".



```
MINGW64:/c/Users/Alberto/Desktop/recuperar

Alberto@DESKTOP-AE0BK7M MINGW64 ~/Desktop
$ mkdir recuperar

Alberto@DESKTOP-AE0BK7M MINGW64 ~/Desktop
$ cd recuperar/

Alberto@DESKTOP-AE0BK7M MINGW64 ~/Desktop/recuperar
$ git init
Initialized empty Git repository in C:/Users/Alberto/Desktop/recuperar/.git/

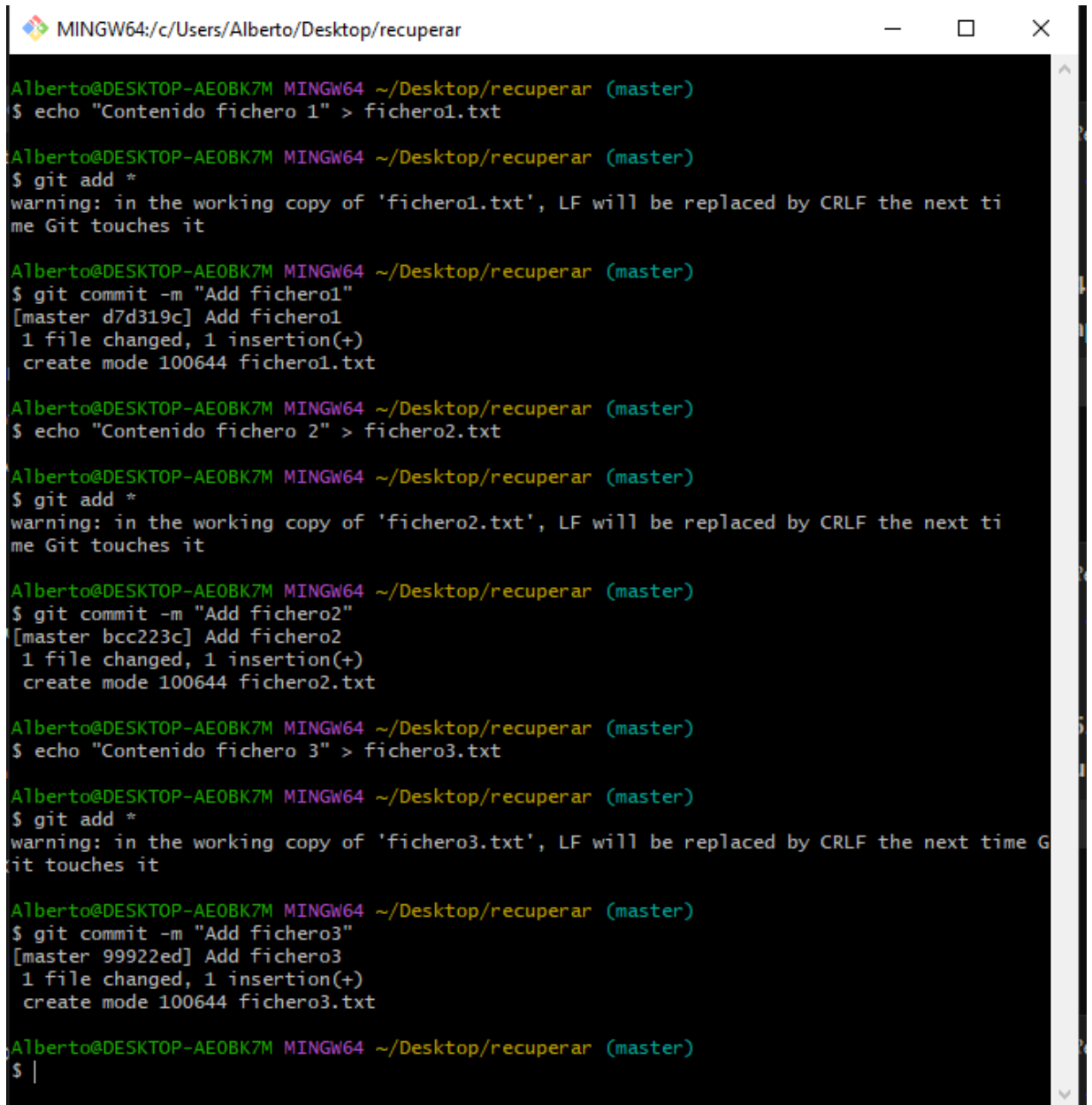
Alberto@DESKTOP-AE0BK7M MINGW64 ~/Desktop/recuperar (master)
$ echo "Recuperar" > README.md

Alberto@DESKTOP-AE0BK7M MINGW64 ~/Desktop/recuperar (master)
$ git add *
warning: in the working copy of 'README.md', LF will be replaced by CRLF the next time Git touches it

Alberto@DESKTOP-AE0BK7M MINGW64 ~/Desktop/recuperar (master)
$ git commit -m "Add archivo README"
[master (root-commit) f00e7ac] Add archivo README
1 file changed, 1 insertion(+)
create mode 100644 README.md

Alberto@DESKTOP-AE0BK7M MINGW64 ~/Desktop/recuperar (master)
$ |
```

- 2- Creo fichero1, fichero2 y fichero3 y le añado el commit correspondiente a cada uno.



```
MINGW64:/c/Users/Alberto/Desktop/recuperar

Alberto@DESKTOP-AE0BK7M MINGW64 ~/Desktop/recuperar (master)
$ echo "Contenido fichero 1" > fichero1.txt

Alberto@DESKTOP-AE0BK7M MINGW64 ~/Desktop/recuperar (master)
$ git add *
warning: in the working copy of 'fichero1.txt', LF will be replaced by CRLF the next time Git touches it

Alberto@DESKTOP-AE0BK7M MINGW64 ~/Desktop/recuperar (master)
$ git commit -m "Add fichero1"
[master d7d319c] Add fichero1
1 file changed, 1 insertion(+)
create mode 100644 fichero1.txt

Alberto@DESKTOP-AE0BK7M MINGW64 ~/Desktop/recuperar (master)
$ echo "Contenido fichero 2" > fichero2.txt

Alberto@DESKTOP-AE0BK7M MINGW64 ~/Desktop/recuperar (master)
$ git add *
warning: in the working copy of 'fichero2.txt', LF will be replaced by CRLF the next time Git touches it

Alberto@DESKTOP-AE0BK7M MINGW64 ~/Desktop/recuperar (master)
$ git commit -m "Add fichero2"
[master bcc223c] Add fichero2
1 file changed, 1 insertion(+)
create mode 100644 fichero2.txt

Alberto@DESKTOP-AE0BK7M MINGW64 ~/Desktop/recuperar (master)
$ echo "Contenido fichero 3" > fichero3.txt

Alberto@DESKTOP-AE0BK7M MINGW64 ~/Desktop/recuperar (master)
$ git add *
warning: in the working copy of 'fichero3.txt', LF will be replaced by CRLF the next time Git touches it

Alberto@DESKTOP-AE0BK7M MINGW64 ~/Desktop/recuperar (master)
$ git commit -m "Add fichero3"
[master 99922ed] Add fichero3
1 file changed, 1 insertion(+)
create mode 100644 fichero3.txt

Alberto@DESKTOP-AE0BK7M MINGW64 ~/Desktop/recuperar (master)
$ |
```

- 3- Con “git log” vemos los distintos commits y el hash que sirve de referencia.

```
MINGW64/c/Users/Alberto/Desktop/recuperar

Alberto@DESKTOP-AE0BK7M MINGW64 ~/Desktop/recuperar (master)
$ git log
commit 99922edbf8bb6745163c50571d6bc02833952ba7 (HEAD -> master)
Author: AlbertoCodex <alberto13nn@gmail.com>
Date:   Fri Dec 13 03:43:10 2024 +0100

    Add fichero3

commit bcc223cd41c4d3b42114541f39ca342c4669dda4
Author: AlbertoCodex <alberto13nn@gmail.com>
Date:   Fri Dec 13 03:42:43 2024 +0100

    Add fichero2

commit d7d319c162e0f704fa1f11eb6af6fe9ab157ec4e
Author: AlbertoCodex <alberto13nn@gmail.com>
Date:   Fri Dec 13 03:42:25 2024 +0100

    Add fichero1

commit f00e7ac45c198d5d83b5fc0689ad347ae8571fcb
Author: AlbertoCodex <alberto13nn@gmail.com>
Date:   Fri Dec 13 03:40:33 2024 +0100

    Add archivo README

Alberto@DESKTOP-AE0BK7M MINGW64 ~/Desktop/recuperar (master)
$ |
```

- 4- Al hacer git revert “hash del commit1”, eliminará los cambios hechos en ese commit, en este caso, añadir el fichero1.txt al repositorio.

```
C:\Users\Alberto\Desktop\recuperar\git\COMMIT_EDITMSG - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
1 Revert "Add fichero1"
2
3 This reverts commit d7d319c162e0f704fa1f11eb6af6fe9ab157ec4e.
4
5 # Please enter the commit message for your changes. Lines starting
6 # with '#' will be ignored, and an empty message aborts the commit.
7 #
8 # On branch master
9 # Changes to be committed:
10 #   deleted:    fichero1.txt
11 #
12
```

- 5- Como se puede ver al hacer el ls, no existe el fichero1.txt, pero el commit sigue existiendo.

```
MINGW64:/c/Users/Alberto/Desktop/recuperar

Alberto@DESKTOP-AE0BK7M MINGW64 ~/Desktop/recuperar (master)
$ ls
README.md  fichero2.txt  fichero3.txt

Alberto@DESKTOP-AE0BK7M MINGW64 ~/Desktop/recuperar (master)
$ git log
commit f40721d46b18abe14ae3469f7b9be5899a5cbb12 (HEAD -> master)
Author: AlbertoCodex <alberto13nn@gmail.com>
Date:   Fri Dec 13 03:45:13 2024 +0100

    Revert "Add fichero1"

    This reverts commit d7d319c162e0f704fa1f11eb6af6fe9ab157ec4e.

commit 99922edbf8bb6745163c50571d6bc02833952ba7
Author: AlbertoCodex <alberto13nn@gmail.com>
Date:   Fri Dec 13 03:43:10 2024 +0100

    Add fichero3

commit bcc223cd41c4d3b42114541f39ca342c4669dda4
Author: AlbertoCodex <alberto13nn@gmail.com>
Date:   Fri Dec 13 03:42:43 2024 +0100

    Add fichero2

commit d7d319c162e0f704fa1f11eb6af6fe9ab157ec4e
Author: AlbertoCodex <alberto13nn@gmail.com>
Date:   Fri Dec 13 03:42:25 2024 +0100

    Add fichero1

commit f00e7ac45c198d5d83b5fc0689ad347ae8571fcb
Author: AlbertoCodex <alberto13nn@gmail.com>
Date:   Fri Dec 13 03:40:33 2024 +0100

    Add archivo README

Alberto@DESKTOP-AE0BK7M MINGW64 ~/Desktop/recuperar (master)
$ |
```

- 6- Otra opción sería hacer un “git reset –hard (hash del commit)” y esto elimina todo lo hecho después del commit que hemos elegido.

```
Alberto@DESKTOP-AE0BK7M MINGW64 ~/Desktop/recuperar (master)
$ git reset --hard d7d319c162e0f704fa1f11eb6af6fe9ab157ec4e
HEAD is now at d7d319c Add fichero1

Alberto@DESKTOP-AE0BK7M MINGW64 ~/Desktop/recuperar (master)
$ git log
commit d7d319c162e0f704fa1f11eb6af6fe9ab157ec4e (HEAD -> master)
Author: AlbertoCodex <alberto13nn@gmail.com>
Date:   Fri Dec 13 03:42:25 2024 +0100

    Add fichero1

commit f00e7ac45c198d5d83b5fc0689ad347ae8571fcb
Author: AlbertoCodex <alberto13nn@gmail.com>
Date:   Fri Dec 13 03:40:33 2024 +0100

    Add archivo README

Alberto@DESKTOP-AE0BK7M MINGW64 ~/Desktop/recuperar (master)
$ |
```