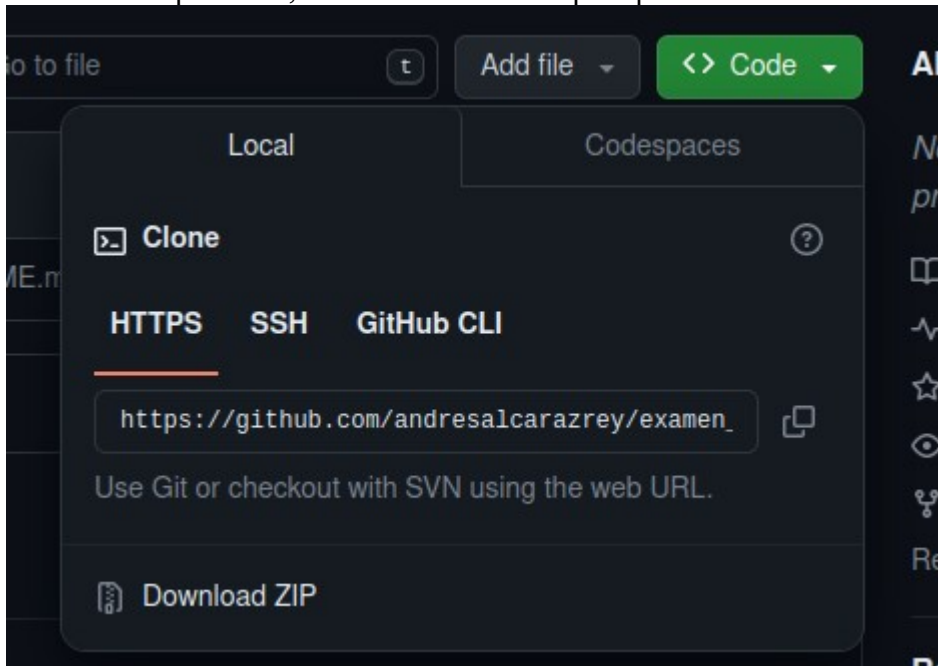
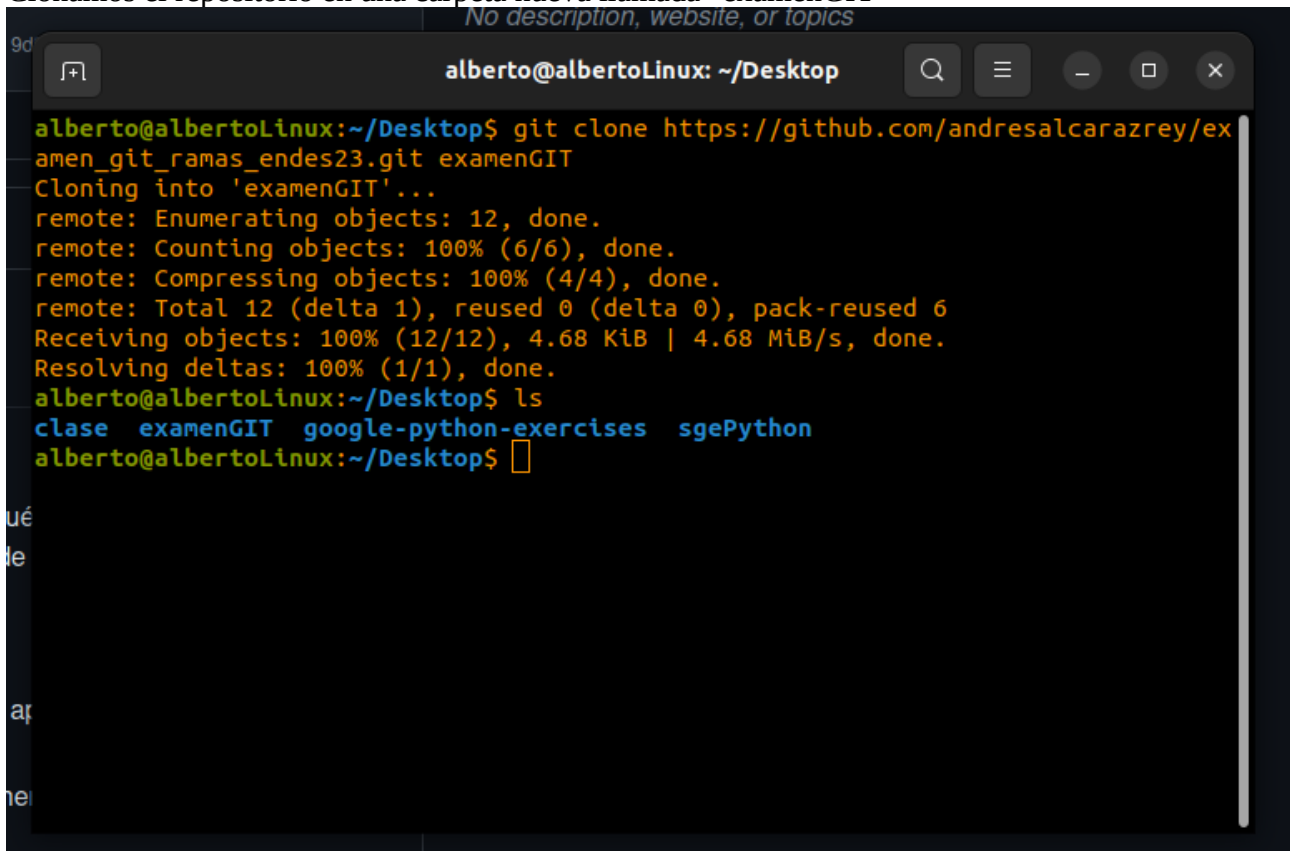


1. Clonar este repositorio en tu equipo, sobre una carpeta nueva vacía. Dentro del repositorio, obtenemos el enlace para poder clonarlo.

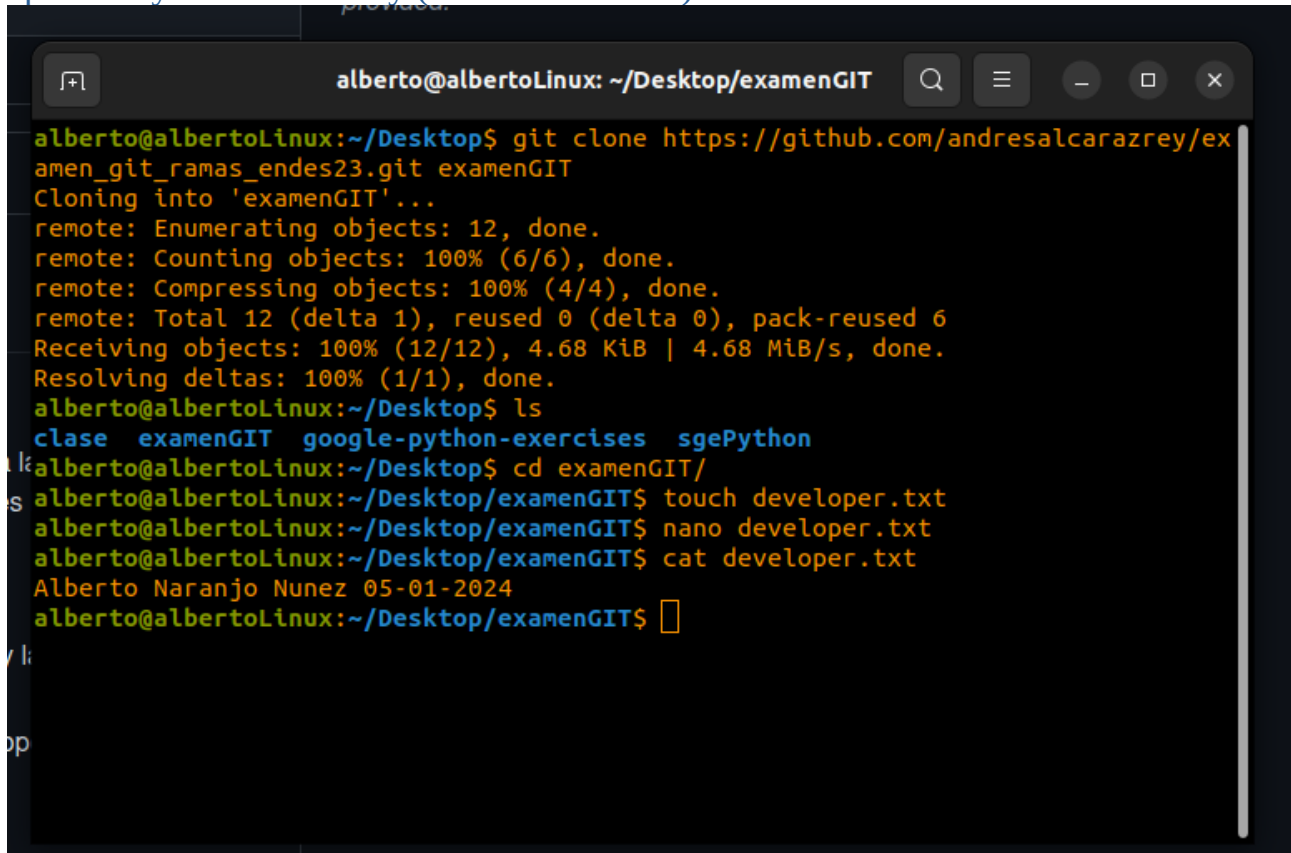


Clonamos el repositorio en una carpeta nueva llamada “examenGIT”



Alberto Naranjo Núñez

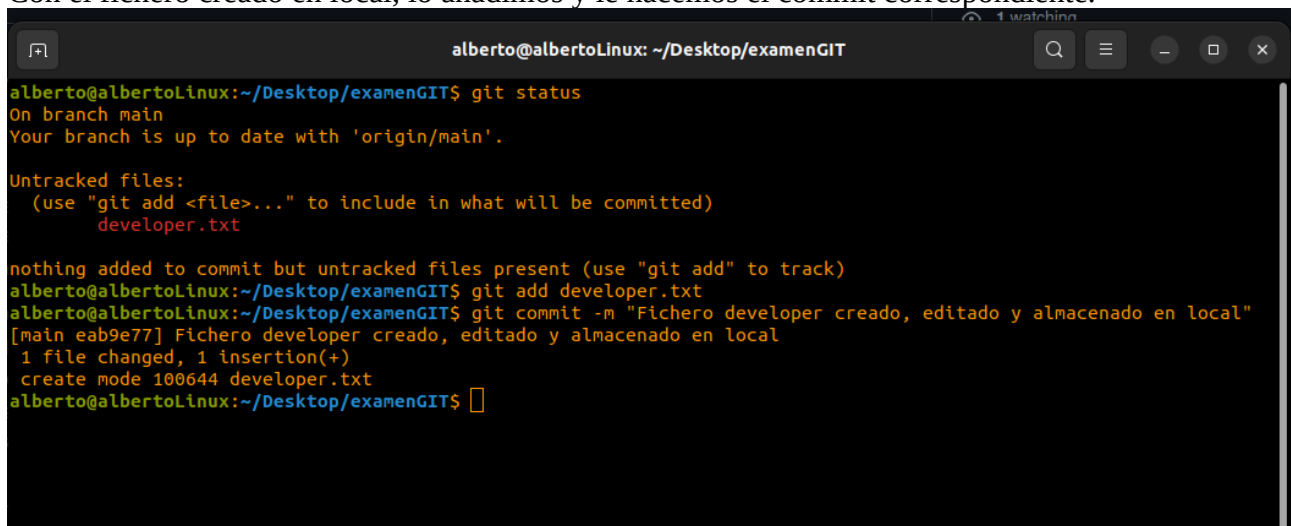
2. Crear un documento de texto llamado developer.txt donde pondrás tu nombre, tus apellidos y la fecha de hoy (DD-MM-AAAA)



```
alberto@albertoLinux: ~/Desktop/examenGIT
alberto@albertoLinux:~/Desktop$ git clone https://github.com/andresalcarazrey/examen_git_ramas_endes23.git examenGIT
Cloning into 'examenGIT'...
remote: Enumerating objects: 12, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 12 (delta 1), reused 0 (delta 0), pack-reused 6
Receiving objects: 100% (12/12), 4.68 KiB | 4.68 MiB/s, done.
Resolving deltas: 100% (1/1), done.
alberto@albertoLinux:~/Desktop$ ls
class  examenGIT  google-python-exercises  sgePython
alberto@albertoLinux:~/Desktop$ cd examenGIT/
alberto@albertoLinux:~/Desktop/examenGIT$ touch developer.txt
alberto@albertoLinux:~/Desktop/examenGIT$ nano developer.txt
alberto@albertoLinux:~/Desktop/examenGIT$ cat developer.txt
Alberto Naranjo Nunez 05-01-2024
alberto@albertoLinux:~/Desktop/examenGIT$
```

3. Realiza los comandos necesarios para confirmar este fichero con el mensaje "Fichero developer creado, editado y almacenado en local"

Con el fichero creado en local, lo añadimos y le hacemos el commit correspondiente.



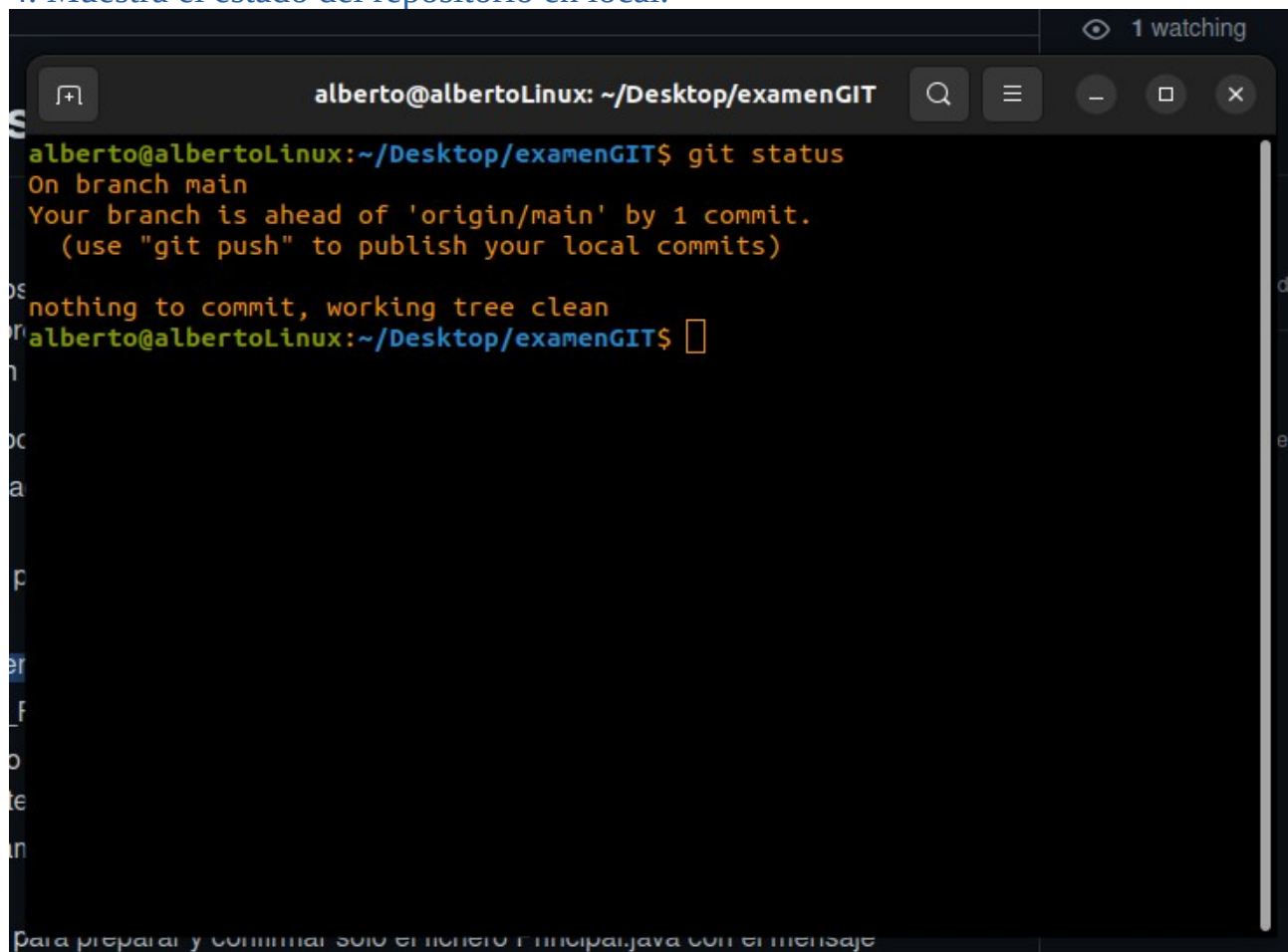
```
alberto@albertoLinux: ~/Desktop/examenGIT
alberto@albertoLinux:~/Desktop/examenGIT$ git status
On branch main
Your branch is up to date with 'origin/main'.

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

nothing added to commit but untracked files present (use "git add" to track)
alberto@albertoLinux:~/Desktop/examenGIT$ git add developer.txt
alberto@albertoLinux:~/Desktop/examenGIT$ git commit -m "Fichero developer creado, editado y almacenado en local"
[main eab9e77] Fichero developer creado, editado y almacenado en local
1 file changed, 1 insertion(+)
create mode 100644 developer.txt
alberto@albertoLinux:~/Desktop/examenGIT$
```

Alberto Naranjo Núñez

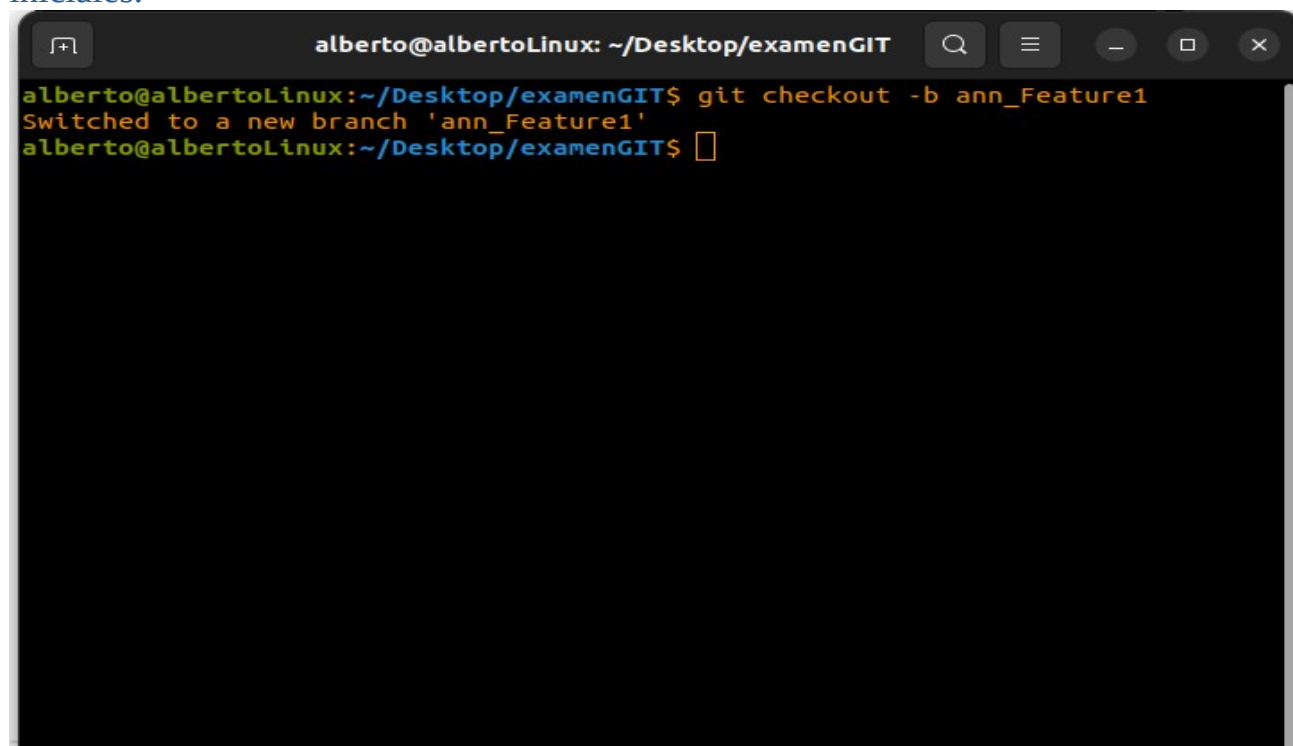
4. Muestra el estado del repositorio en local.

A terminal window titled 'alberto@albertoLinux: ~/Desktop/examenGIT' with standard window controls. The terminal shows the command 'git status' and its output. The output indicates the user is on the 'main' branch, which is ahead of 'origin/main' by one commit. It also states that the working tree is clean and there is nothing to commit.

```
alberto@albertoLinux: ~/Desktop/examenGIT
alberto@albertoLinux:~/Desktop/examenGIT$ git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
alberto@albertoLinux:~/Desktop/examenGIT$
```

5. Crea una rama que se llame "zzz_Feature1". "zzz" debe de sustituirse por tus iniciales.

A terminal window titled 'alberto@albertoLinux: ~/Desktop/examenGIT' with standard window controls. The terminal shows the command 'git checkout -b ann_Feature1' and its output. The output indicates that the user has switched to a new branch named 'ann_Feature1'.

```
alberto@albertoLinux: ~/Desktop/examenGIT
alberto@albertoLinux:~/Desktop/examenGIT$ git checkout -b ann_Feature1
Switched to a new branch 'ann_Feature1'
alberto@albertoLinux:~/Desktop/examenGIT$
```

6. Cambiate a la nueva rama (si no lo hiciste en el paso previo) y crea un fichero de texto que se llame Principal.java que contenga: "//Este fichero será el que realiza la función clase inicial del proyecto algún día"

```
alberto@albertoLinux: ~/Desktop/examenGIT
alberto@albertoLinux:~/Desktop/examenGIT$ touch Principal.java
alberto@albertoLinux:~/Desktop/examenGIT$ nano Principal.java
alberto@albertoLinux:~/Desktop/examenGIT$ cat Principal.java
//Este fichero será el que realiza la función clase inicial del proyecto algún día
alberto@albertoLinux:~/Desktop/examenGIT$
```

7. Crea un fichero de texto que se llame doc.txt que contenga: "Este fichero será el que realiza la función de documentación"

```
alberto@albertoLinux: ~/Desktop/examenGIT
alberto@albertoLinux:~/Desktop/examenGIT$ touch doc.txt
alberto@albertoLinux:~/Desktop/examenGIT$ nano doc.txt
alberto@albertoLinux:~/Desktop/examenGIT$ cat doc.txt
Este fichero será el que realiza la función de documentación
alberto@albertoLinux:~/Desktop/examenGIT$
```

8. Realiza los comandos necesarios para preparar y confirmar sólo el fichero Principal.java con el mensaje "Principal.java creado"

```
alberto@albertoLinux: ~/Desktop/examenGIT
alberto@albertoLinux:~/Desktop/examenGIT$ git status
On branch ann_Feature1
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Principal.java
    doc.txt

nothing added to commit but untracked files present (use "git add" to track)
alberto@albertoLinux:~/Desktop/examenGIT$ git add Principal.java
alberto@albertoLinux:~/Desktop/examenGIT$ git commit -m "Principal.java creado"
[ann_Feature1 8c0351a] Principal.java creado
1 file changed, 1 insertion(+)
 create mode 100644 Principal.java
alberto@albertoLinux:~/Desktop/examenGIT$ git status
```

9. Muestra el estado

```
alberto@albertoLinux: ~/Desktop/examenGIT
alberto@albertoLinux:~/Desktop/examenGIT$ git status
On branch ann_Feature1
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Principal.java
    doc.txt

nothing added to commit but untracked files present (use "git add" to track)
alberto@albertoLinux:~/Desktop/examenGIT$ git add Principal.java
alberto@albertoLinux:~/Desktop/examenGIT$ git commit -m "Principal.java creado"
[ann_Feature1 8c0351a] Principal.java creado
1 file changed, 1 insertion(+)
 create mode 100644 Principal.java
alberto@albertoLinux:~/Desktop/examenGIT$ git status
On branch ann_Feature1
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    doc.txt

nothing added to commit but untracked files present (use "git add" to track)
alberto@albertoLinux:~/Desktop/examenGIT$
```

10. Realiza los pasos que estimes necesarios para "mezclar" las dos ramas en la rama "main"

```
alberto@albertoLinux: ~/Desktop/examenGIT
alberto@albertoLinux:~/Desktop/examenGIT$ git checkout main
Switched to branch 'main'
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)
alberto@albertoLinux:~/Desktop/examenGIT$ git branch
  ann_Feature1
* main
alberto@albertoLinux:~/Desktop/examenGIT$ git merge ann_Feature1
Updating eab9e77..8c0351a
Fast-forward
 Principal.java | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 Principal.java
alberto@albertoLinux:~/Desktop/examenGIT$
```

11. Muestra el estado y el histórico del repositorio

```
alberto@albertoLinux:~/Desktop/examenGIT$ git status
On branch main
Your branch is ahead of 'origin/main' by 2 commits.
  (use "git push" to publish your local commits)

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

nothing added to commit but untracked files present (use "git add" to track)
alberto@albertoLinux:~/Desktop/examenGIT$ git log
commit 8c0351a4bd30939e99bfb42ab664c12c30453091 (HEAD -> main, ann_Feature1)
Author: Alberto Naranjo <zeny3@gmail.com>
Date:   Fri Jan 5 21:45:55 2024 +0100

    Principal.java creado

commit eab9e77ff600bc588b17adc7ef70d1959e3c03a2
Author: Alberto Naranjo <zeny3@gmail.com>
Date:   Fri Jan 5 21:34:47 2024 +0100

    Fichero developer creado, editado y almacenado en local

commit 9d073ae12b530bcd57aedc9dcb76e68e731f8e0c (origin/main, origin/HEAD)
Author: Andrés <71632296+andresalcarazrey@users.noreply.github.com>
Date:   Sun Dec 17 20:57:45 2023 +0100

    Update README.md endes
:...skipping...
```

12. Crea un repositorio remoto en tu Github, desde su web con tu usuario.

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Required fields are marked with an asterisk (*).

Owner *

Repository name *

AlbertoCodex

/ examenGIT

examenGIT is available.

Great repository names are short and memorable. Need inspiration? How about [upgraded-guide](#) ?

Description (optional)

☐ Public

Anyone on the Internet can see this repository. You choose who can commit.

☒ Private

You choose who can see and commit to this repository.

Initialize this repository with:

☐ Add a README file

This is where you can write a long description for your project. [Learn more about READMEs.](#)

Add .gitignore

.gitignore template: None

Choose which files not to track from a list of templates. [Learn more about ignoring files.](#)

Choose a license

License: None

A license tells others what they can and can't do with your code. [Learn more about licenses.](#)

You are creating a private repository in your personal account.

Create repository

Alberto Naranjo Núñez

13. Conéctalo tu repositorio en la nube al repositorio del examen sobre el que has trabajado en local (usa el comando o comandos que estimes oportunos)

```
alberto@albertoLinux: ~/Desktop/examenGIT
alberto@albertoLinux:~$ cd Desktop/
alberto@albertoLinux:~/Desktop$ cd examenGIT/
alberto@albertoLinux:~/Desktop/examenGIT$ git remote set-url origin git@github.com:AlbertoCodex/examenGIT.git
alberto@albertoLinux:~/Desktop/examenGIT$ git remote -v
origin  git@github.com:AlbertoCodex/examenGIT.git (fetch)
origin  git@github.com:AlbertoCodex/examenGIT.git (push)
alberto@albertoLinux:~/Desktop/examenGIT$
```

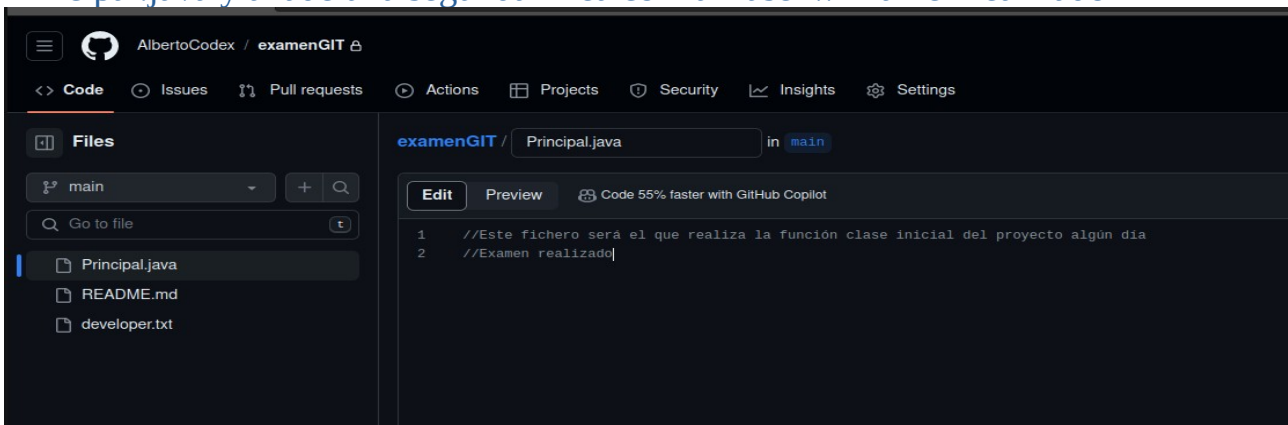
14. Actualiza tu repositorio en la nube con la rama main.

```
alberto@albertoLinux: ~/Desktop/examenGIT
alberto@albertoLinux:~/Desktop/examenGIT$ git status
On branch main
Your branch is ahead of 'origin/main' by 2 commits.
(use "git push" to publish your local commits)

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

nothing added to commit but untracked files present (use "git add" to track)
alberto@albertoLinux:~/Desktop/examenGIT$ git push
Enumerating objects: 18, done.
Counting objects: 100% (18/18), done.
Delta compression using up to 12 threads
Compressing objects: 100% (11/11), done.
Writing objects: 100% (18/18), 5.36 KiB | 5.36 MiB/s, done.
Total 18 (delta 1), reused 12 (delta 1), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
To github.com:AlbertoCodex/examenGIT.git
 * [new branch]      main -> main
alberto@albertoLinux:~/Desktop/examenGIT$
```

15. Edita en Github mediante el editor integrado en el propio repositorio el fichero Principal.java y añade una segunda línea con la frase "//Examen realizado"



```
AlbertoCodex / examenGIT
<> Code Issues Pull requests Actions Projects Security Insights Settings
Files
main
Go to file
Principal.java
README.md
developer.txt
examenGIT / Principal.java in main
Edit Preview Code 55% faster with GitHub Copilot
1 //Este fichero será el que realiza la función clase inicial del proyecto algún día
2 //Examen realizado
```

16. Realiza una confirmación directa de este cambio en el repositorio remoto.

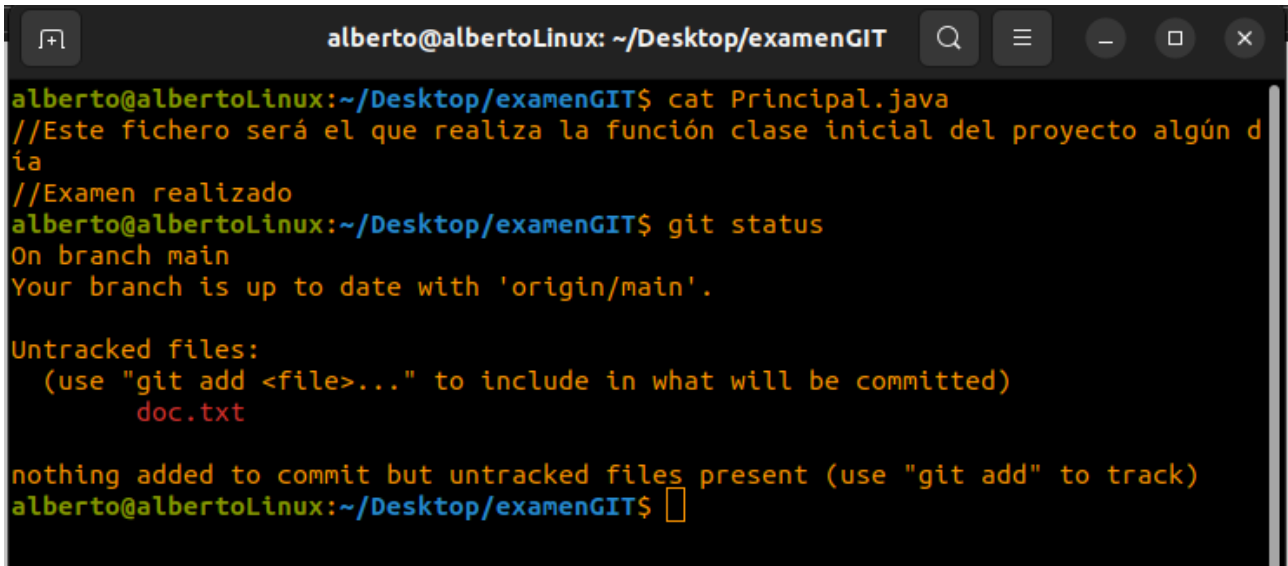
Al principio muestro otro fichero porque me he confundido, pero en el pull se puede ver cómo se ha modificado el fichero “Principal.java”.

```
alberto@albertoLinux: ~/Desktop/examenGIT
alberto@albertoLinux:~/Desktop/examenGIT$ cat developer.txt
Alberto Naranjo Nunez 05-01-2024
alberto@albertoLinux:~/Desktop/examenGIT$ git pull
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 753 bytes | 753.00 KiB/s, done.
From github.com:AlbertoCodex/examenGIT
   8c0351a..d706eb9  main       -> origin/main
Updating 8c0351a..d706eb9
Fast-forward
 Principal.java | 1 +
 1 file changed, 1 insertion(+)
alberto@albertoLinux:~/Desktop/examenGIT$ cat developer.txt
Alberto Naranjo Nunez 05-01-2024
alberto@albertoLinux:~/Desktop/examenGIT$ cat Principal.java
//Este fichero será el que realiza la función clase inicial del proyecto algún d
ia
//Examen realizado
alberto@albertoLinux:~/Desktop/examenGIT$
```

17. Actualiza mediante el comando adecuado el repositorio local de tu equipo local, con los cambios recién realizados en Github.

```
alberto@albertoLinux: ~/Desktop/examenGIT
alberto@albertoLinux:~/Desktop/examenGIT$ cat developer.txt
Alberto Naranjo Nunez 05-01-2024
alberto@albertoLinux:~/Desktop/examenGIT$ git pull
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 753 bytes | 753.00 KiB/s, done.
From github.com:AlbertoCodex/examenGIT
   8c0351a..d706eb9  main       -> origin/main
Updating 8c0351a..d706eb9
Fast-forward
 Principal.java | 1 +
 1 file changed, 1 insertion(+)
alberto@albertoLinux:~/Desktop/examenGIT$ cat developer.txt
Alberto Naranjo Nunez 05-01-2024
alberto@albertoLinux:~/Desktop/examenGIT$ cat Principal.java
//Este fichero será el que realiza la función clase inicial del proyecto algún d
ia
//Examen realizado
alberto@albertoLinux:~/Desktop/examenGIT$
```


18. Muestra el fichero Principal.java en el repositorio local y el estado del repositorio local.

A terminal window titled 'alberto@albertoLinux: ~/Desktop/examenGIT' with standard window controls. The terminal shows the following commands and output:

```
alberto@albertoLinux:~/Desktop/examenGIT$ cat Principal.java
//Este fichero será el que realiza la función clase inicial del proyecto algún d
ía
//Examen realizado
alberto@albertoLinux:~/Desktop/examenGIT$ git status
On branch main
Your branch is up to date with 'origin/main'.

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

nothing added to commit but untracked files present (use "git add" to track)
alberto@albertoLinux:~/Desktop/examenGIT$
```