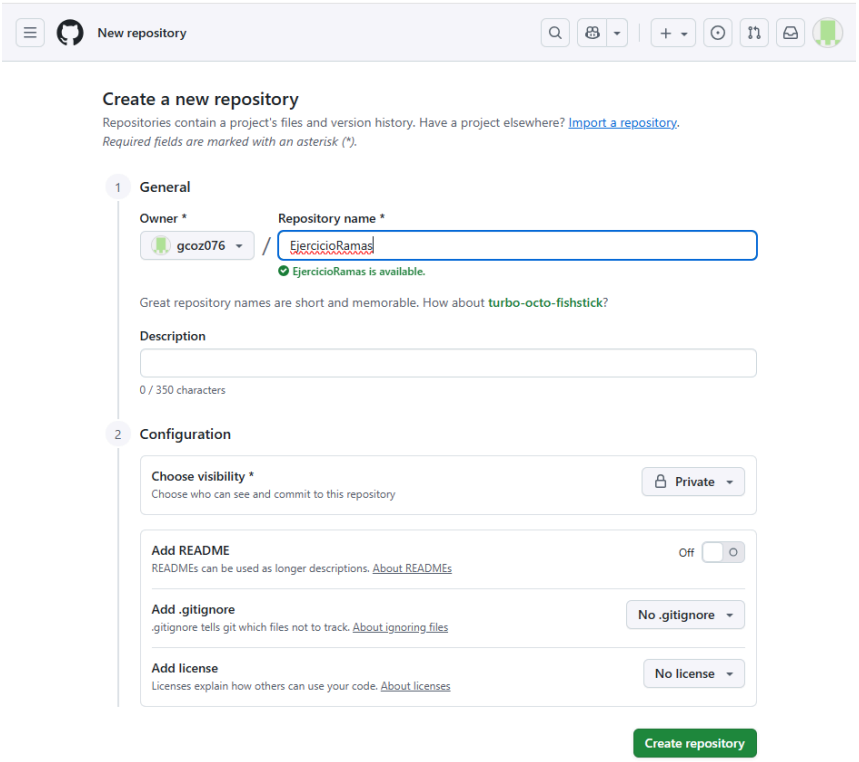
Trabajamos con ramas - Evaluable

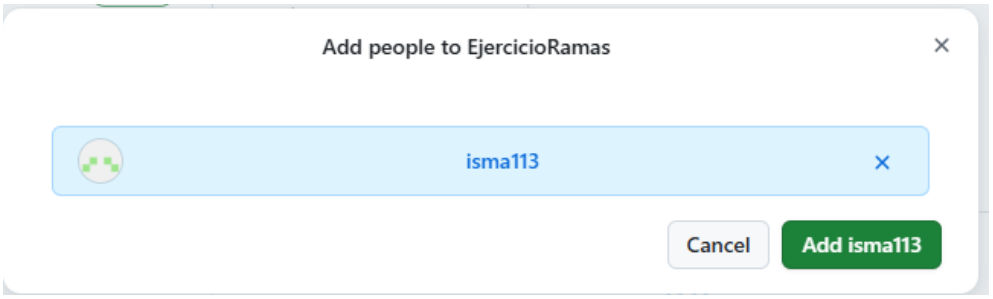
Apartado 1: Grupo

Esta tarea debe ser realizada en grupos de 3 personas. Debéis entregar de manera individual el paso a paso en un documento en la tarea de la Moodle.

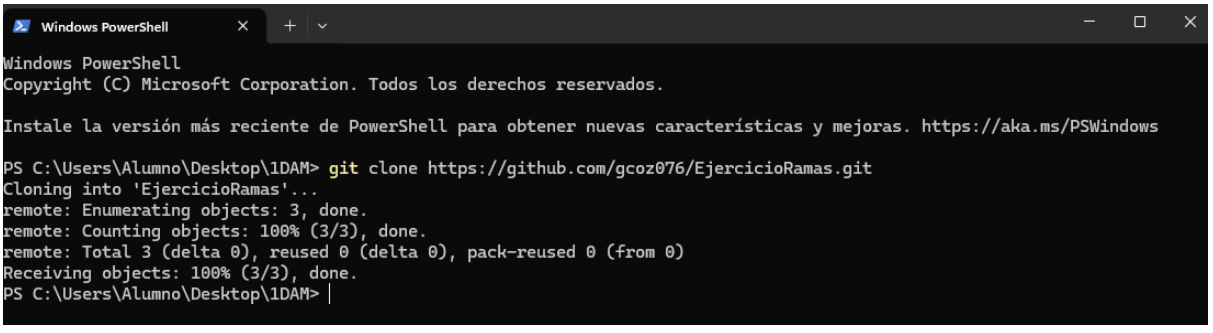
1. Crear un repositorio privado y añade de colaborador a tus dos compañeros



2. Añade un fichero hola.txt



3. Clónate el repositorio.



Apartado 2: Individual

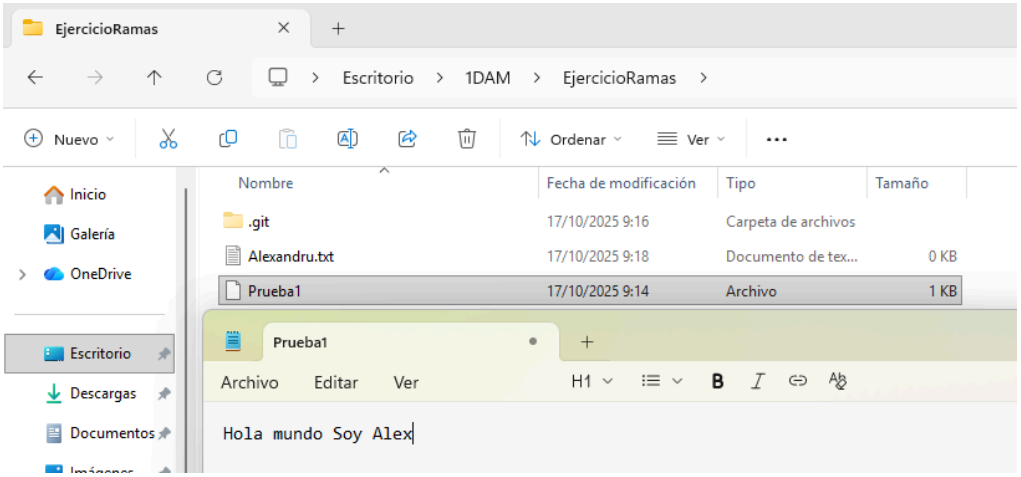
1. Crea una rama con tu nombreFeature.

```
PS C:\Users\Alumno\Desktop\1DAM> cd Ejer*
PS C:\Users\Alumno\Desktop\1DAM\EjercicioRamas> git branch AlexFeature
PS C:\Users\Alumno\Desktop\1DAM\EjercicioRamas> git branch -a
  AlexFeature
* main
  remotes/origin/HEAD -> origin/main
  remotes/origin/main
```

2. Apunta para que tu local trabaje con esa rama.

```
PS C:\Users\Alumno\Desktop\1DAM\EjercicioRamas> git switch AlexFeature
Switched to branch 'AlexFeature'
PS C:\Users\Alumno\Desktop\1DAM\EjercicioRamas> git branch -a
* AlexFeature
  main
  remotes/origin/HEAD -> origin/main
  remotes/origin/main
```

3. Realiza dos cambios: uno añadiendo un fichero llamado tuNombre.txt y otro modificando hola.txt



4. Propaga el cambio desde tu local a tu rama

```
PS C:\Users\Alumno\Desktop\1DAM\EjercicioRamas> git add .
PS C:\Users\Alumno\Desktop\1DAM\EjercicioRamas> git commit -m "Subo ficheros"
[AlexFeature 618bc8b] Subo ficheros
 2 files changed, 2 insertions(+), 1 deletion(-)
PS C:\Users\Alumno\Desktop\1DAM\EjercicioRamas> git push -u origin AlexFeatures
error: src refspec AlexFeatures does not match any
error: failed to push some refs to 'https://github.com/gcoz076/EjercicioRamas.git'
PS C:\Users\Alumno\Desktop\1DAM\EjercicioRamas> git push -u origin AlexFeature
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 12 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (7/7), 555 bytes | 555.00 KiB/s, done.
Total 7 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'AlexFeature' on GitHub by visiting:
remote:      https://github.com/gcoz076/EjercicioRamas/pull/new/AlexFeature
remote:
To https://github.com/gcoz076/EjercicioRamas.git
 * [new branch]      AlexFeature -> AlexFeature
branch 'AlexFeature' set up to track 'origin/AlexFeature'.
PS C:\Users\Alumno\Desktop\1DAM\EjercicioRamas>
```

Apartado 3: Grupal Integramos las ramas.

1. Establecer un orden de manera que cada uno será responsable de integrar la rama de otro de sus compañeros. Cada uno de vosotros/as ejercerá de responsable de integración por turnos. Integraremos los cambios en una de las ramas creadas

```
PS C:\Users\Alumno\Desktop\1DAM\EjercicioRamas> git switch AlexFeature
Switched to branch 'AlexFeature'
Your branch is up to date with 'origin/AlexFeature'.
PS C:\Users\Alumno\Desktop\1DAM\EjercicioRamas> git merge origin/ismaelFeature -m "Integramos ramas"
Merge made by the 'ort' strategy.
 IsmaelRuiz.txt | 3 +++
 1 file changed, 3 insertions(+)
 create mode 100644 IsmaelRuiz.txt
PS C:\Users\Alumno\Desktop\1DAM\EjercicioRamas> git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 334 bytes | 334.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/gcoz076/EjercicioRamas.git
   618bc8b..10d36e0  AlexFeature -> AlexFeature
PS C:\Users\Alumno\Desktop\1DAM\EjercicioRamas>
```

2. Si aparecen **conflictos**, resolvedlos en grupo:

Apartado 4: Fusionar con rama principal Grupal

1. Definir un responsable de integración.

```
PS C:\Users\Alumno\Desktop\1DAM\EjercicioRamas> git merge origin/ismaelFeature -m "Soy Alex y subo cam
bios de mi compañero"
Updating 54912ce..4f73b85
Fast-forward (no commit created; -m option ignored)
 IsmaelRuiz.txt | 3 +++
 1 file changed, 3 insertions(+)
 create mode 100644 IsmaelRuiz.txt
PS C:\Users\Alumno\Desktop\1DAM\EjercicioRamas> git push
To https://github.com/gcoz076/EjercicioRamas.git
 ! [rejected]        main -> main (non-fast-forward)
error: failed to push some refs to 'https://github.com/gcoz076/EjercicioRamas.git'
hint: Updates were rejected because the tip of your current branch is behind
hint: its remote counterpart. If you want to integrate the remote changes,
hint: use 'git pull' before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
PS C:\Users\Alumno\Desktop\1DAM\EjercicioRamas> git pull
From https://github.com/gcoz076/EjercicioRamas
   54912ce..618bc8b  main       -> origin/main
Merge made by the 'ort' strategy.
 Alexandru.txt | 1 +
 Prueba1       | 2 +-
 2 files changed, 2 insertions(+), 1 deletion(-)
 create mode 100644 Alexandru.txt
PS C:\Users\Alumno\Desktop\1DAM\EjercicioRamas> git add .
PS C:\Users\Alumno\Desktop\1DAM\EjercicioRamas> git commit -m "Soy Alex, me a dado fallo, hago pull y
subo de nuevo"
On branch main
Your branch is ahead of 'origin/main' by 2 commits.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
PS C:\Users\Alumno\Desktop\1DAM\EjercicioRamas> git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 371 bytes | 371.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/gcoz076/EjercicioRamas.git
   618bc8b..3fcc9c7  main -> main
```

2. Esta persona debe fusionar nuestros cambios de la rama anterior a la rama principal.