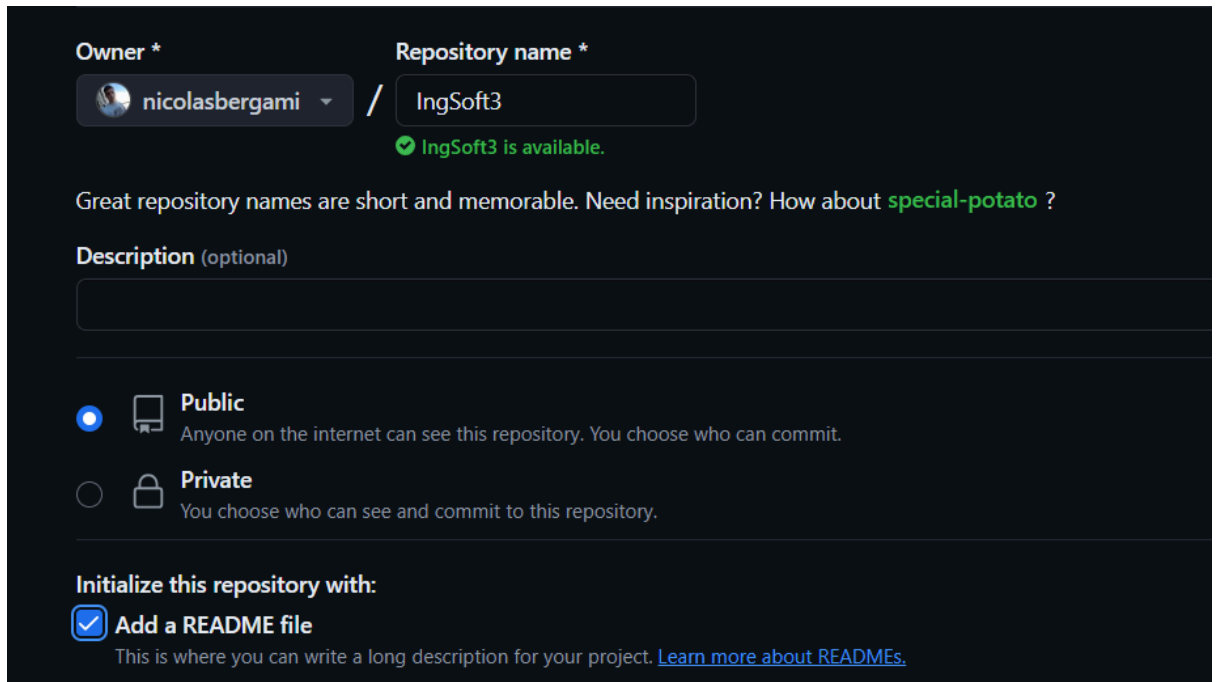


# TP 1 - GITHUB

- Crear un repo en Github y clonarlo localmente
  - ☐ Crear un nuevo repositorio en dicha pagina con el readme.md por defecto



The screenshot shows the GitHub repository creation interface. At the top, there are two input fields: 'Owner \*' with a dropdown menu showing 'nicolasbergami' and 'Repository name \*' with the text 'IngSoft3'. Below the repository name field, a green checkmark indicates 'IngSoft3 is available.' A message below states: 'Great repository names are short and memorable. Need inspiration? How about **special-potato** ?'. There is a 'Description (optional)' text area. Below this, there are two radio button options: 'Public' (selected) and 'Private'. The 'Public' option has a description: 'Anyone on the internet can see this repository. You choose who can commit.' The 'Private' option has a description: 'You choose who can see and commit to this repository.' At the bottom, there is a section 'Initialize this repository with:' with a checked radio button for 'Add a README file'. A link 'Learn more about READMEs.' is provided.

- ☐ Clonar el repo remoto en un nuevo directorio local

```
Microsoft Windows [Versión 10.0.22631.4037]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3>git clone https://github.com/nicolasbergami/IngSoft3.git
Cloning into 'IngSoft3'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.

C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3>cd IngSoft3

C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3>git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3>|
```

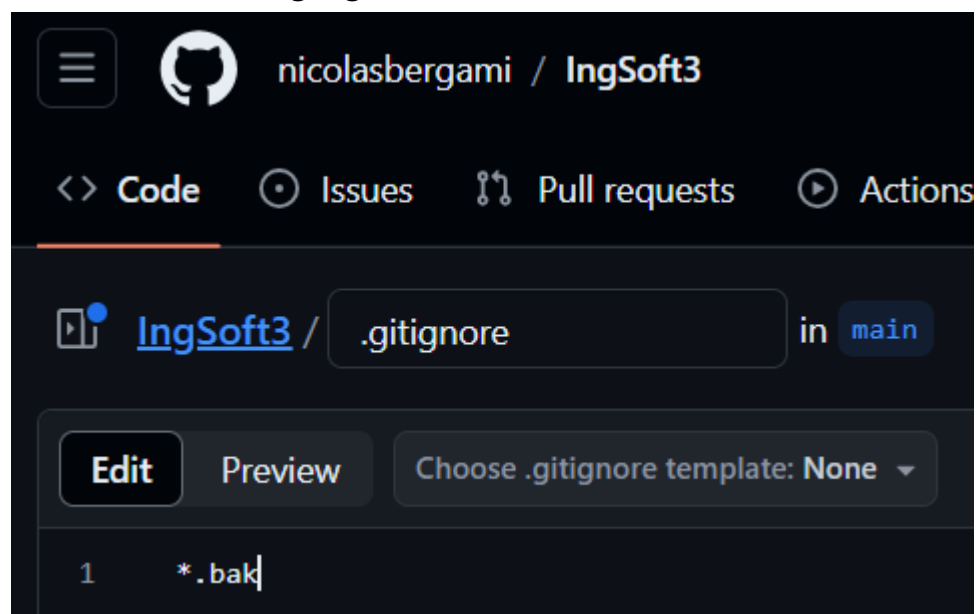
- ☐ Editar archivo readme.md, agregar algunas líneas de texto

```
C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3>git status
On branch main
Your branch is up to date with 'origin/main'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   README.md

no changes added to commit (use "git add" and/or "git commit -a")
C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3>|
```

- ☐ Crear archivo .gitignore



- ☐ Crear un commit y proveer un mensaje descriptivo.

```
C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3>git status
On branch main
Your branch is up to date with 'origin/main'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   README.md

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3>git add .

C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3>git commit -m "primer commit realizado"
[main fbc2a2f] primer commit realizado
 1 file changed, 2 insertions(+), 1 deletion(-)

C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3>|
```

- ☐ Hacer un push al repositorio remoto.

```
C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3>git push origin main
info: please complete authentication in your browser...
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 16 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 297 bytes | 297.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/nicolasbergami/IngSoft3.git
    b23bdbd..fbc2a2f  main -> main
```

- **Crear un repo local y subirlo a github**

- ☐ Crear un repositorio local en un nuevo directorio

```
C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3\TP1>cd demotp1

C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3\TP1\demotp1>git init
Initialized empty Git repository in C:/Users/nicol/OneDrive/Documentos/universidad/Ingsoft3/IngSoft3/TP1/demotp1/.git/

C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3\TP1\demotp1>|
```

- ☐ Agregar archivo readme.md, agregar algunas lineas con texto a dicho archivo
- ☐ Crear .gitignore
- ☐ Crear un commit y proveer un mensaje descriptivo

```
Microsoft Windows [Versión 10.0.22631.4037]
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C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3\TP1\demotp1>git status
On branch master

No commits yet

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

nothing added to commit but untracked files present (use "git add" to track)
C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3\TP1\demotp1>|
```

## ☐ Asociar local con remoto:

```
C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3\TP1\demotp1>git remote add origin https://github.com/nicolasbergami/IngSoft3.git
```

```
C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3\TP1\demotp1>git branch -M main
```

```
C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3\TP1\demotp1>git add README.md
```

```
C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3\TP1\demotp1>git add .gitignore
```

```
C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3\TP1\demotp1>git commit "asociado local a remoto"
fatal: cannot do a partial commit during a merge.
```

```
C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3\TP1\demotp1>git commit -m "asociado local a remoto"
[main 986996a] asociado local a remoto
```

```
C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3\TP1\demotp1>git pull
There is no tracking information for the current branch.
Please specify which branch you want to merge with.
See git-pull(1) for details.
```

```
git pull <remote> <branch>
```

If you wish to set tracking information for this branch you can do so with:

```
git branch --set-upstream-to=origin/<branch> main
```

```
C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3\TP1\demotp1>git push origin main
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 16 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (5/5), 434 bytes | 434.00 KiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/nicolasbergami/IngSoft3.git
00160ef..986996a main -> main
```

```
C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3\TP1\demotp1>
```

## ● RAMAS

### ☐ Ver ramas

```
C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3\TP1\demotp1>git branch -a
* main
remotes/origin/main
```

```
C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3\TP1\demotp1>
```

- ☐ Crear rama
- ☐ Cambiamos a la nueva rama
- ☐ Hacemos un cambio en un archivo, comiteamos y vemos la diferencia

```
C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3\TP1\demotpl>git branch nuevarama

C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3\TP1\demotpl>git checkout nuevarama
Switched to branch 'nuevarama'

C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3\TP1\demotpl>git branch -a
  main
* nuevarama
  remotes/origin/main

C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3\TP1\demotpl>git add .

C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3\TP1\demotpl>git commit -m "cambio en el branch"
On branch nuevarama
nothing to commit, working tree clean

C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3\TP1\demotpl>git diff main nuevarama

C:\Users\nicol\OneDrive\Documentos\universidad\Ingsoft3\IngSoft3\TP1\demotpl>
```