

Trabajando con Branches

1. Armado de archivos

Elijo una carpeta para crear el repositorio, inicio un repositorio local de git y creo un archivo listaCompras.txt con el contenido que indica el enunciado.

```
branches — -zsh — 80x24
[ebercellini@AR000DL404P2K0X branches % git init
Initialized empty Git repository in /Users/ebercellini/Desktop/bootcampJAVA/Git/P2/branches/.git/
[ebercellini@AR000DL404P2K0X branches % touch listaCompras.txt
[ebercellini@AR000DL404P2K0X branches % cat listaCompras.txt
Leche
Pan
Lechuga
Tomate
Cebolla
Queso Cremoso
ebercellini@AR000DL404P2K0X branches %
```

2. Armado de branches

A partir de la branch principal, creo una nueva branch llamada lista1. En esta nueva branch, modifico el archivo listaCompras.txt y hago commit. Luego, creo otra rama, llamada lista2, a partir de la branch principal y nuevamente modifico el archivo listaCompras.txt y hago commit.

```
branches — -zsh — 91x24
ebercellini@AR000DL404P2K0X branches % git commit -m "Creo archivo listaCompras.txt"
[main (root-commit) 2d3380a] Creo archivo listaCompras.txt
1 file changed, 6 insertions(+)
create mode 100644 listaCompras.txt
ebercellini@AR000DL404P2K0X branches % git branch
* main
ebercellini@AR000DL404P2K0X branches % git branch lista1
ebercellini@AR000DL404P2K0X branches % git checkout lista1
Switched to branch 'lista1'
ebercellini@AR000DL404P2K0X branches % git branch
* lista1
main
ebercellini@AR000DL404P2K0X branches % cat listaCompras.txt
Leche
Pan
Lechuga
Tomate
Cebolla
Queso Cremoso
Huevos
Harina
Aceite
Vinagre
```

```

ebercellini@AR000DL404P2K0X branches % git add .
ebercellini@AR000DL404P2K0X branches % git commit -m "Modifico en lista1"
[lista1 9f64d9d] Modifico en lista1
1 file changed, 5 insertions(+), 1 deletion(-)

```

```

ebercellini@AR000DL404P2K0X branches % git checkout -b lista2 main

```

```

ebercellini@AR000DL404P2K0X branches % git branch
  lista1
* lista2
  main
ebercellini@AR000DL404P2K0X branches % cat listaCompras.txt
Leche
Pan
Lechuga
Tomate
Cebolla
Queso Cremoso
Queso rallado
5 Manzanas
12 naranjas
ebercellini@AR000DL404P2K0X branches % git add .
ebercellini@AR000DL404P2K0X branches % git commit -m "Modifico en lista2"
[lista2 81b10d5] Modifico en lista2
1 file changed, 4 insertions(+), 1 deletion(-)

```

3. "Mergeo" de branches

Incorporo a la branch principal los cambios realizados a listaCompras.txt en la branch lista1. Hecho esto, elimino las branches extras creadas.

```

ebercellini@AR000DL404P2K0X branches % git branch
  lista1
  lista2
* main
ebercellini@AR000DL404P2K0X branches % git merge lista1
Updating 2d3380a..9f64d9d
Fast-forward
 listaCompras.txt | 6 +++++-
1 file changed, 5 insertions(+), 1 deletion(-)

```

```

ebercellini@AR000DL404P2K0X branches % git branch -D lista2
Deleted branch lista2 (was 81b10d5).
ebercellini@AR000DL404P2K0X branches % git branch -d lista1
Deleted branch lista1 (was 9f64d9d).
ebercellini@AR000DL404P2K0X branches %

```

Finalizo creando un repositorio remoto en GitHub y pusheando el archivo definitivo.

```

ebercellini@AR000DL404P2K0X branches % git push --set-upstream origin main
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 14 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (6/6), 559 bytes | 559.00 KiB/s, done.
Total 6 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
To github.com-personal:bercellinierika/Branches.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
ebercellini@AR000DL404P2K0X branches %

```

bercellinierika/branches

github.com/bercellinierika/branches

GitHub

bercellinierika / branches

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bercellinierika@gmail.com

main

1 Branch

0 Tags

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About

bercellinierika@gmail.com

Modifico en lista1

9f64d9d · 23 minutes ago

2 Commits

listaCompras.txt

Modifico en lista1

23 minutes ago

README

Add a README

Add a README with an overview of your project.

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