

Sebastian Lorenzano 2DAM-O IES Marenostrum 24-25 DI


1)

a) Crea un repositorio Git

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
powershell + v [icon] [icon] [icon] [icon] [icon] [icon] [icon] [icon] [icon] [icon]

PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1> git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m <name>
Initialized empty Git repository in C:/Users/seblor3/Desktop/Programming/2DAM-DI/S1R1/.git/
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1>
```

b) Crea un fichero denominado libros.txt. Añade tres títulos de libros cada uno en una línea distinta.

 libros.txt: Bloc de notas

Archivo Edición Formato Ver A

Las Puertas de la Muerte

El Juego de Ender

1984

```
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1> dir

Directorio: C:\Users\seblor3\desktop\Programming\2dam-di\s1r1

Mode                LastWriteTime         Length Name
----                -
-a----           12/09/2024   18:25             49 libros.txt

PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1>
```

c) Haz un primer commit

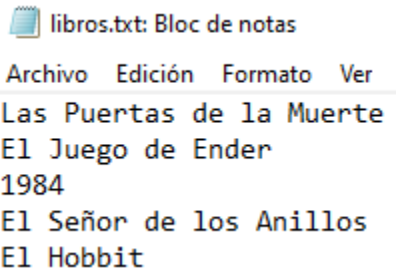
```
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1> git add .
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1> git status
On branch master
```

No commits yet

```
Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   libros.txt
```

```
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1> git commit . -m "first commit"
[master (root-commit) 51c4b6e] first commit
 1 file changed, 3 insertions(+)
 create mode 100644 libros.txt
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1>
```

d) Añade dos libros al archivo libros.txt.



libros.txt: Bloc de notas

Archivo Edición Formato Ver

Las Puertas de la Muerte
El Juego de Ender
1984
El Señor de los Anillos
El Hobbit

e) Haz un segundo commit.

```
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1> git status
On branch master
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:   libros.txt

no changes added to commit (use "git add" and/or "git commit -a")
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1> git add .
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1> git commit . -m "second commit"
[master fd2c920] second commit
 1 file changed, 3 insertions(+), 1 deletion(-)
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1>
```

f) Crea un fichero denominado peliculas.txt. Añade tres títulos de películas a dicho archivo.



películas.txt: Bloc de notas

Archivo Edición Formato Ver Ayuda

A Quiet Place

Groundhog Day

Paranormal Activity

g) Haz una captura de pantalla del comando git status.

```
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1> git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    películas.txt

nothing added to commit but untracked files present (use "git add" to track)
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1>
```

h) Crea un fichero denominado comidas.txt. Añade tres nombres de comidas a dicho archivo.



comidas.txt: Bloc de notas

Archivo Edición Formato \

Milanesa

Empanada

Asado


i) Haz un tercer commit que incluya los archivos películas.txt y comidas.txt.

```
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1> git add .
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1> git commit . -m "third commit"
[master edf13c6] third commit
2 files changed, 6 insertions(+)
create mode 100644 comidas.txt
create mode 100644 películas.txt
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1>
```

j) Elimina el archivo comidas.txt desde el navegador de archivos.

k) Añade dos películas más al archivo películas.txt.

- l) Haz una captura de pantalla que muestre los cambios en el directorio de trabajo.
(las tres en el mismo apartado)

 películas.txt: Bloc de notas

Archivo Edición Formato Ver Ayuda

A Quiet Place

Groundhog Day

Paranormal Activity

The Call

Nightmare in Elm Street

```
delete mode 100644 comidas.txt
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1> git status
On branch master
Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        deleted:    comidas.txt
        modified:   películas.txt

no changes added to commit (use "git add" and/or "git commit -a")
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1>
```

- m) Añade los cambios al área de preparación.
n) Haz una captura de pantalla del comando git status. Debe indicar que se ha borrado el archivo comidas.txt y que se ha modificado el archivo películas.txt.

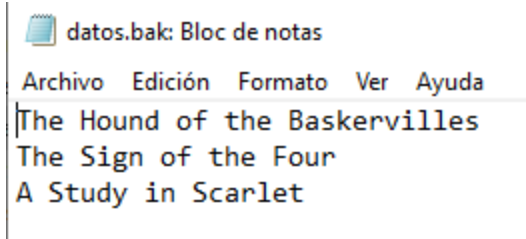
```
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1> git add .
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1> git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        deleted:    comidas.txt
        modified:   películas.txt

PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1>
```

- ñ) Haz un cuarto commit.

```
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1> git commit . -m "fourth commit"
[master ebe24b0] fourth commit
 2 files changed, 3 insertions(+), 4 deletions(-)
 delete mode 100644 comidas.txt
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1>
```

- o) Crea un archivo denominado datos.bak. Añade tres títulos de libros a dicho archivo.

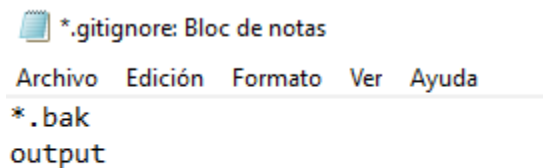


- p) Crea una subcarpeta denominada output. Crea un archivo denominado salida.txt en su interior. Escribe tu nombre y apellidos en dicho archivo.
- q) Haz una captura de pantalla del comando git status. Deben aparecer los archivos datos.bak y output/salida.txt como archivos nuevos (color rojo).
- (ambos juntos)

```
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1> git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    datos.bak
    output/

nothing added to commit but untracked files present (use "git add" to track)
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1>
```

- r) Crea un archivo .gitignore para que los ficheros con extensión .bak y el contenido de la carpeta output/ no se incluyan en el repositorio.



- s) Haz una nueva captura de pantalla del comando git status. Ahora no deben aparecer los archivos datos.bak y output/salida.txt como archivos nuevos, sino que en su lugar debe aparecer únicamente el archivo .gitignore.

```
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1> git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    .gitignore

nothing added to commit but untracked files present (use "git add" to track)
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1>
```

t) Haz un último commit para incluir el archivo .gitignore en el repositorio.

```
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1> git add .
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1> git commit . -m "last commit"
[master c471e8d] last commit
1 file changed, 2 insertions(+)
 create mode 100644 .gitignore
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1>
```

u) Haz una captura de pantalla que muestre el histórico de cambios del repositorio.

```
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1> git log --graph --all
* commit c471e8dbcf641e4ce4267c164c255a9a27a11db0 (HEAD -> master)
| Author: Sebastian Lorenzano <118050694+SebastianLorenzano@users.noreply.github.com>
| Date: Thu Sep 12 18:43:43 2024 +0200
|
| last commit
|
* commit ebe24b0081169d83122a04ebe7df945eca3035bd
| Author: Sebastian Lorenzano <118050694+SebastianLorenzano@users.noreply.github.com>
| Date: Thu Sep 12 18:36:37 2024 +0200
|
| fourth commit
|
* commit edf13c6b1ade999339feb68a4920d49ef585cf15
| Author: Sebastian Lorenzano <118050694+SebastianLorenzano@users.noreply.github.com>
| Date: Thu Sep 12 18:33:49 2024 +0200
|
| third commit
|
* commit fd2c920393a24e485d25893217b780781270f351
| Author: Sebastian Lorenzano <118050694+SebastianLorenzano@users.noreply.github.com>
| Date: Thu Sep 12 18:29:38 2024 +0200
|
| second commit
|
* commit 51c4b6e6431426e926437219aa2aadd168014cc1
| Author: Sebastian Lorenzano <118050694+SebastianLorenzano@users.noreply.github.com>
| Date: Thu Sep 12 18:28:29 2024 +0200
|
| first commit
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1>
```

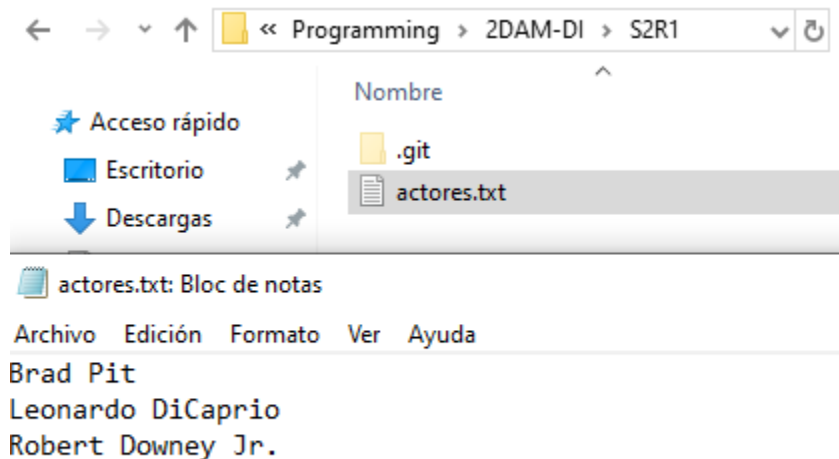
2.

1.

a)

```
PS C:\Users\seblor3\desktop\Programming\2dam-di\s1r1> cd ..
PS C:\Users\seblor3\desktop\Programming\2dam-di> CD S2R1
PS C:\Users\seblor3\desktop\Programming\2dam-di\S2R1> git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m <name>
Initialized empty Git repository in C:/Users/seblor3/Desktop/Programming/2DAM-DI/S2R1/.g
it/
PS C:\Users\seblor3\desktop\Programming\2dam-di\S2R1> █
```

b)



c)


```

PS C:\Users\seblor3\desktop\Programming\2dam-di\s2r1> git add .
PS C:\Users\seblor3\desktop\Programming\2dam-di\s2r1> git commit -m "first commit"
[master (root-commit) 7f2a098] first commit
 1 file changed, 3 insertions(+)
 create mode 100644 actores.txt
PS C:\Users\seblor3\desktop\Programming\2dam-di\s2r1>

```

d)

```

PS C:\Users\seblor3\desktop\Programming\2dam-di\s2r1> git branch test
PS C:\Users\seblor3\desktop\Programming\2dam-di\s2r1> git branch
* master
  test

```

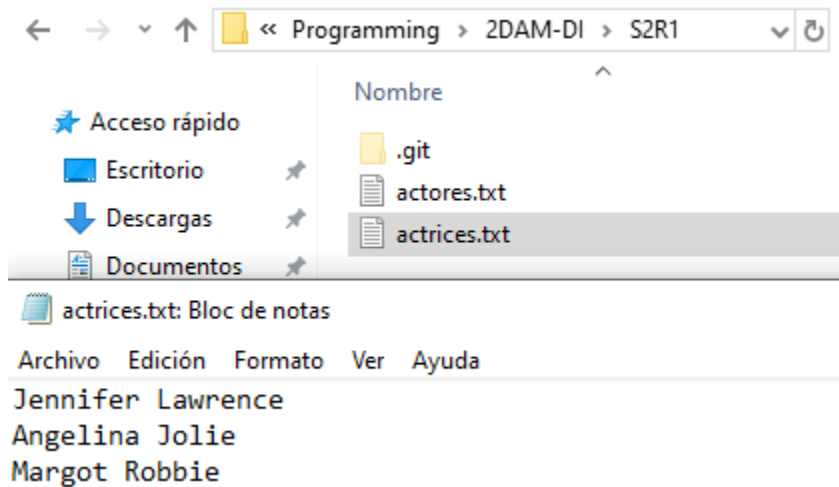
e)

```

PS C:\Users\seblor3\desktop\Programming\2dam-di\s2r1> git checkout test
Switched to branch 'test'
PS C:\Users\seblor3\desktop\Programming\2dam-di\s2r1> git branch
  master
* test
PS C:\Users\seblor3\desktop\Programming\2dam-di\s2r1>

```

f)



```

PS C:\Users\seblor3\Desktop\Programming\2dam-di\s2r1> git add .
PS C:\Users\seblor3\Desktop\Programming\2dam-di\s2r1> git commit -m "second commit"
[test e5cf9f0] second commit
 1 file changed, 3 insertions(+)
 create mode 100644 actrices.txt
PS C:\Users\seblor3\Desktop\Programming\2dam-di\s2r1>

```

g)

```

PS C:\Users\seblor3\Desktop\Programming\2dam-di\s2r1> git log --graph --all
* commit e5cf9f0a08c88ad7630162aac6506f35fe8bd532 (HEAD -> test)
   Author: Sebastian Lorenzano <118050694+SebastianLorenzano@users.noreply.github.com>
   Date:   Fri Sep 13 15:39:12 2024 +0200

       second commit

* commit 7f2a09818b04868e9627fee64013503bcf02840a (master)
   Author: Sebastian Lorenzano <118050694+SebastianLorenzano@users.noreply.github.com>
   Date:   Thu Sep 12 18:56:31 2024 +0200

       first commit
PS C:\Users\seblor3\Desktop\Programming\2dam-di\s2r1>

```

h)

```

PS C:\Users\seblor3\Desktop\Programming\2dam-di\s2r1> git checkout master
Switched to branch 'master'
PS C:\Users\seblor3\Desktop\Programming\2dam-di\s2r1> git branch
* master
  test
PS C:\Users\seblor3\Desktop\Programming\2dam-di\s2r1>

```

i)

```

PS C:\Users\seblor3\Desktop\Programming\2dam-di\s2r1> git merge "test"
Updating 7f2a098..e5cf9f0
Fast-forward
  actresses.txt | 3 +++
  1 file changed, 3 insertions(+)
  create mode 100644 actresses.txt
PS C:\Users\seblor3\Desktop\Programming\2dam-di\s2r1>

```

j)

```

PS C:\Users\seblor3\Desktop\Programming\2dam-di\s2r1> git branch test2
PS C:\Users\seblor3\Desktop\Programming\2dam-di\s2r1> git branch
* master
  test
  test2
PS C:\Users\seblor3\Desktop\Programming\2dam-di\s2r1>

```

k)



actrices.txt: Bloc de notas



Archivo Edición Formato Ver Ayuda

Jennifer Lawrence
Angelina Jolie
Margot Robbie
Meryl Streep|

```
<
Línea 4, columna 13 100% Windows (CRLF) UTF-8
PS C:\Users\seblor3\Desktop\Programming\2dam-di\s2r1> git status
On branch master
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:   actrices.txt

no changes added to commit (use "git add" and/or "git commit -a")
PS C:\Users\seblor3\Desktop\Programming\2dam-di\s2r1> git add .
PS C:\Users\seblor3\Desktop\Programming\2dam-di\s2r1> git commit -m "third commit"
[master d0a5457] third commit
 1 file changed, 2 insertions(+), 1 deletion(-)
PS C:\Users\seblor3\Desktop\Programming\2dam-di\s2r1>
```

l)

```
PS C:\Users\seblor3\Desktop\Programming\2dam-di\s2r1> git checkout test2
Switched to branch 'test2'
PS C:\Users\seblor3\Desktop\Programming\2dam-di\s2r1> git branch
  master
  test
* test2
PS C:\Users\seblor3\Desktop\Programming\2dam-di\s2r1>
```

m)

actrices.txt: Bloc de notas

Archivo Edición Formato Ver Ayuda

Jennifer Lawrence
Angelina Jolie
Margot Robbie
Meryl Streep
Marilyn Monroe

Línea 5, columna 15 100% Windows (CRLF) UTF-8

```
PS C:\Users\seblor3\Desktop\Programming\2dam-di\s2r1> git add .
PS C:\Users\seblor3\Desktop\Programming\2dam-di\s2r1> git commit -m "first commit test2"
[test2 c6cbaac] first commit test2
1 file changed, 3 insertions(+), 1 deletion(-)
PS C:\Users\seblor3\Desktop\Programming\2dam-di\s2r1>
```

n)

```
PS C:\Users\seblor3\Desktop\Programming\2dam-di\s2r1> git log --graph --all
* commit c6cbaac6097edac5a3830354f30562ce869f4485 (HEAD -> test2)
  Author: Sebastian Lorenzano <118050694+SebastianLorenzano@users.noreply.github.com>
  Date:   Fri Sep 13 15:54:49 2024 +0200

    first commit test2

* commit d0a5457afec365943461980421a812cccdff4554 (master)
  Author: Sebastian Lorenzano <118050694+SebastianLorenzano@users.noreply.github.com>
  Date:   Fri Sep 13 15:51:07 2024 +0200

    third commit

* commit e5cf9f0a08c88ad7630162aac6506f35fe8bd532 (test)
  Author: Sebastian Lorenzano <118050694+SebastianLorenzano@users.noreply.github.com>
  Date:   Fri Sep 13 15:39:12 2024 +0200

    second commit

* commit 7f2a09818b04868e9627fee64013503bcf02840a
  Author: Sebastian Lorenzano <118050694+SebastianLorenzano@users.noreply.github.com>
  Date:   Thu Sep 12 18:56:31 2024 +0200

    first commit
PS C:\Users\seblor3\Desktop\Programming\2dam-di\s2r1>
```

ñ)

```
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r1> git checkout master
Switched to branch 'master'
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r1> git branch
* master
  test
  test2
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r1> 
```

o)

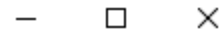
Si, se realiza un error por conflictos.

```
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r1> git merge test2
Auto-merging actrices.txt
CONFLICT (content): Merge conflict in actrices.txt
Automatic merge failed; fix conflicts and then commit the result.
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r1> 
```

p)



actrices.txt: Bloc de notas



Archivo Edición Formato Ver Ayuda

Jennifer Lawrence
Angelina Jolie
Margot Robbie
Meryl Streep
Marilyn Monroe|

```
< | Línea 5, columna 15 | 100% | Windows (CRLF) | UTF-8 | >
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r1> git status
On branch master
You have unmerged paths.
  (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)

Unmerged paths:
  (use "git add <file>..." to mark resolution)
    both modified:   actrices.txt

no changes added to commit (use "git add" and/or "git commit -a")
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r1> git merge test2
error: Merging is not possible because you have unmerged files.
hint: Fix them up in the work tree, and then use 'git add/rm <file>'
hint: as appropriate to mark resolution and make a commit.
fatal: Exiting because of an unresolved conflict.
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r1> git add .
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r1> git commit -m "fourth commit"
[master e643933] fourth commit
```

q)

```
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r1> git log --graph --all
*   commit e6439330ec83d3088cd34bdea7716a624e5712e2 (HEAD -> master)
| \ Merge: d0a5457 c6cbaac
|  | Author: Sebastian Lorenzano <118050694+SebastianLorenzano@users.noreply.github.com>
|  | Date:   Fri Sep 13 16:03:19 2024 +0200
|  |
|  |     fourth commit
|  |
| *   commit c6cbaac6097edac5a3830354f30562ce869f4485 (test2)
|  | Author: Sebastian Lorenzano <118050694+SebastianLorenzano@users.noreply.github.com>
|  | Date:   Fri Sep 13 15:54:49 2024 +0200
|  |
|  |     first commit test2
|  |
| *   commit d0a5457afec365943461980421a812cccdff4554
| /  Author: Sebastian Lorenzano <118050694+SebastianLorenzano@users.noreply.github.com>
|   Date:   Fri Sep 13 15:51:07 2024 +0200
|   |
|   |     third commit
|   |
| *   commit e5cf9f0a08c88ad7630162aac6506f35fe8bd532 (test)
|  | Author: Sebastian Lorenzano <118050694+SebastianLorenzano@users.noreply.github.com>
|  | Date:   Fri Sep 13 15:39:12 2024 +0200
|  |
|  |     second commit
|  |
| *   commit 7f2a09818b04868e9627fee64013503bcf02840a
|   Author: Sebastian Lorenzano <118050694+SebastianLorenzano@users.noreply.github.com>
|   Date:   Thu Sep 12 18:56:31 2024 +0200
|   |
|   |     first commit
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r1> 
```

2.

Crea una carpeta denominada S2R2-remoto. Inicializa un repositorio Git en su interior mediante el comando `git init --bare`. Esta carpeta se utilizará como repositorio remoto

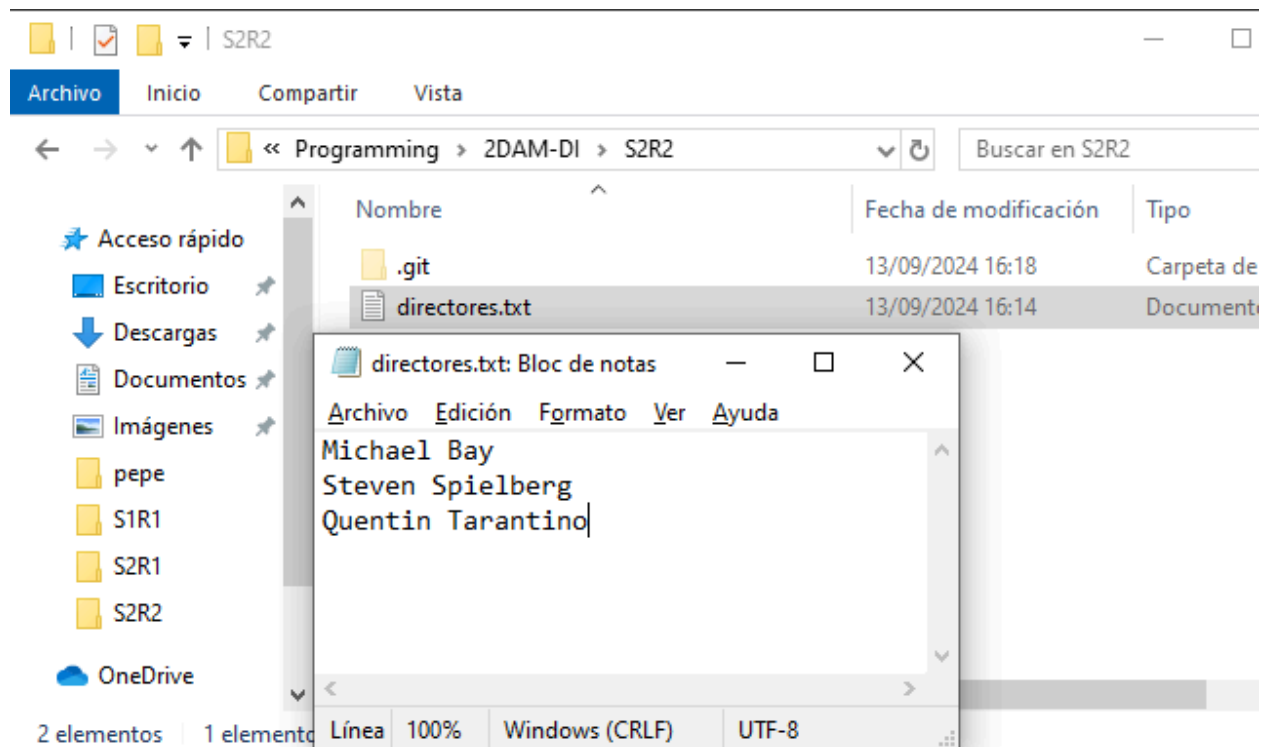
```
PS C:\Users\seblor3\desktop\programming\2dam-di> cd s2r2-remoto
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r2-remoto> git init --bare
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m <name>
Initialized empty Git repository in C:/Users/seblor3/Desktop/Programming/2DAM-DI/S2R2-remoto/
```

3.

Clona el repositorio S2R2-remoto en una carpeta denominada S2R2.

```
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r2-remoto> cd ..
PS C:\Users\seblor3\desktop\programming\2dam-di> git clone s2r2-remoto s2r2
Cloning into 's2r2'...
warning: You appear to have cloned an empty repository.
done.
PS C:\Users\seblor3\desktop\programming\2dam-di> █
```

a) Crea un archivo denominado `directores.txt`. Añade el nombre de tres directores de cine



```
PS C:\Users\seblor3\desktop\programming\2dam-di> cd s2r2
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r2> git status
On branch master

No commits yet

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

nothing added to commit but untracked files present (use "git add" to track)
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r2> 
```

b) Haz un commit

```
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r2> git add .
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r2> git commit -m "first commit"
[master (root-commit) 1ca2e43] first commit
 1 file changed, 3 insertions(+)
 create mode 100644 directores.txt
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r2> 
```

c) Realiza un push al repositorio remoto. Adjunta captura de pantalla del resultado.

```
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r2> git push
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 285 bytes | 142.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To C:/Users/seblor3/Desktop/Programming/2DAM-DI/s2r2-remoto
 * [new branch]      master -> master
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r2>
```

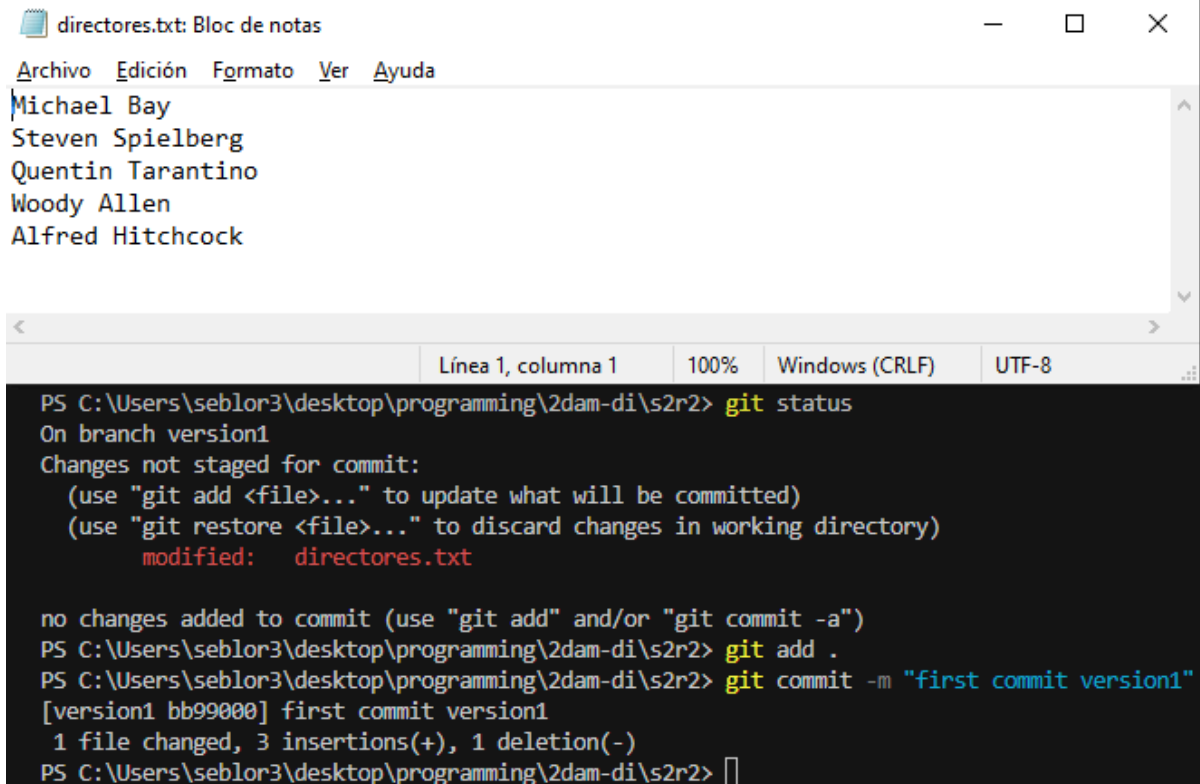
d) Crea una rama denominada version1.

```
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r2> git branch version1
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r2>
```

e) Cambia a la rama version1.

```
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r2> git checkout version1
Switched to branch 'version1'
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r2> git branch
  master
* version1
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r2>
```

f) En la rama version1 añade el nombre de dos directores de cine más al archivo directores.txt y haz un commit de los cambios.



directores.txt: Bloc de notas

Archivo Edición Formato Ver Ayuda

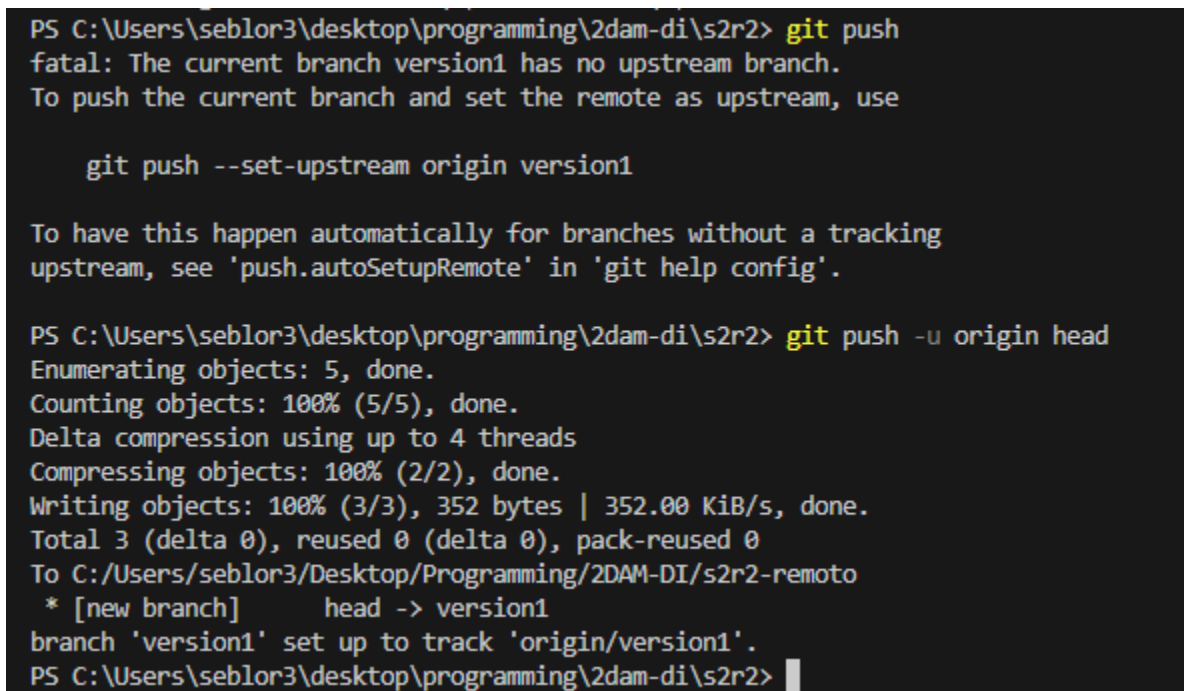
Michael Bay
Steven Spielberg
Quentin Tarantino
Woody Allen
Alfred Hitchcock

Línea 1, columna 1 100% Windows (CRLF) UTF-8

```
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r2> git status
On branch version1
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:   directores.txt

no changes added to commit (use "git add" and/or "git commit -a")
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r2> git add .
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r2> git commit -m "first commit version1"
[version1 bb99000] first commit version1
 1 file changed, 3 insertions(+), 1 deletion(-)
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r2>
```

g) Realiza un push de la rama al repositorio remoto de manera que quede asociada a la rama remota del mismo nombre. Adjunta captura de pantalla del resultado.



```
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r2> git push
fatal: The current branch version1 has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream origin version1

To have this happen automatically for branches without a tracking
upstream, see 'push.autoSetupRemote' in 'git help config'.

PS C:\Users\seblor3\desktop\programming\2dam-di\s2r2> git push -u origin head
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 352 bytes | 352.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To C:/Users/seblor3/Desktop/Programming/2DAM-DI/s2r2-remoto
 * [new branch]      head -> version1
branch 'version1' set up to track 'origin/version1'.
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r2>
```

4.

Clona el repositorio S2R2-remoto en una segunda carpeta denominada S2R3. Realiza las siguientes acciones sobre ella:

```
PS C:\Users\seblor3\desktop\programming\2dam-di> git clone s2r2-remoto s2r3
Cloning into 's2r3'...
done.
PS C:\Users\seblor3\desktop\programming\2dam-di> cd s2r3
```

a) Muestra en la consola el contenido del fichero directores.txt y el resultado del comando git status. Debe mostrar tres directores.

```
PS C:\Users\seblor3\desktop\programming\2dam-di> cd s2r3
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r3> cat .\directores.txt
Michael Bay
Steven Spielberg
Quentin Tarantino
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r3> 
```

b) Cambia a la rama version1. Muestra el resultado del comando. Comprueba que se crea una rama local version1 con el contenido de la rama remota origin/version1 y enlazada con ella. Al clonar el repositorio la rama no existía (solo se clona la rama principal, master), pero al cambiar a una rama que existe en el remoto se produce su creación local y enlazado con su correspondiente remota.

```
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r3> git branch
* master
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r3> git checkout version1
Switched to a new branch 'version1'
branch 'version1' set up to track 'origin/version1'.
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r3> git git branch
git: 'git' is not a git command. See 'git --help'.

The most similar command is
    init
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r3> git branch
master
* version1
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r3> 
```

c) Muestra el contenido del fichero directores.txt por la pantalla. Comprueba que se muestran los 5 nombres de directores esperados. Adjunta captura de pantalla.

```
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r3> cat .\directores.txt
Michael Bay
Steven Spielberg
Quentin Tarantino
Woody Allen
Alfred Hitchcock
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r3> █
```

d) Cambia a la rama master.

```
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r3> git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r3> git branch
* master
  version1
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r3> █
```

e) Incorpora los cambios de la rama version1 a la rama master.

```
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r3> git merge version1
Updating 1ca2e43..bb99000
Fast-forward
 directores.txt | 4 +++-
 1 file changed, 3 insertions(+), 1 deletion(-)
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r3> █
```

f) Sube la rama master actualizada al servidor. Adjunta captura de pantalla del resultado del comando.

```
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r3> git add .
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r3> git commit -m "merged version1 to master"

On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r3> git push
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To C:/Users/seblor3/Desktop/Programming/2DAM-DI/s2r2-remoto
 1ca2e43..bb99000 master -> master
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r3> █
```

5.

Vuelve de nuevo a la carpeta S2R2 y realiza las siguientes acciones:

a) Obtén los cambios que hay en el repositorio remoto sin fusionarlos en la rama local. Adjunta captura de pantalla del resultado del comando utilizado.

```
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r2> git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r2> git fetch
From C:/Users/seblor3/Desktop/Programming/2DAM-DI/s2r2-remoto
   1ca2e43..bb99000  master    -> origin/master
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r2> cat .\directores.txt
Michael Bay
Steven Spielberg
Quentin Tarantino
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r2> git diff
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r2> git diff master origin/master
diff --git a/directores.txt b/directores.txt
index 2c00854..5e45e40 100644
--- a/directores.txt
+++ b/directores.txt
@@ -1,3 +1,5 @@
 Michael Bay
 Steven Spielberg
-Quentin Tarantino
\ No newline at end of file
+Quentin Tarantino
+Woody Allen
+Alfred Hitchcock
\ No newline at end of file
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r2>
```

b) Actualiza la rama master local con el contenido de la rama master del repositorio remoto. Adjunta captura de pantalla del resultado del comando utilizado.

```
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r2> git pull
Updating 1ca2e43..bb99000
Fast-forward
 directores.txt | 4 +++-
 1 file changed, 3 insertions(+), 1 deletion(-)
```

c) Comprueba que aparecen los 5 nombres de directores esperados.

```
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r2> cat .\directores.txt
Michael Bay
Steven Spielberg
Quentin Tarantino
Woody Allen
Alfred Hitchcock
PS C:\Users\seblor3\desktop\programming\2dam-di\s2r2> 
```