2. Fundamentos de Git I

1.

```
©:\Users\aitor>git --version
git version 2.33.0.windows.2
C:\Users\aitor>
```

2.

```
C:\Users\aitor>git --version
git version 2.33.0.windows.2
::\Users\aitor>git config --global user.name "AitorSDG80"
::\Users\aitor>git config --global user.name "AitorSDG80"
::\Users\aitor>git config --global user.email serna20879@iesmarenostrum.com
::\Users\aitor>git config --global core.editor "'C:\Users\aitor\AppData\Local\Programs\Microsoft VS Code\Code.exe' -multiInst -notabbar -nosession -noPlugin"
::\Users\aitor>git config --global credential.helper wincred
C:\Users\aitor>
```

3.

a)

```
C:\Users\aitor\Desktop>cd S1R1

C:\Users\aitor\Desktop\S1R1>git init
Initialized empty Git repository in C:/Users/aitor/Desktop/S1R1/.git/

C:\Users\aitor\Desktop\S1R1>_
```

```
C:\Users\aitor\Desktop\S1R1>copy con libros.txt
1984
The Witcher
Game of Thrones
1 archivo(s) copiado(s).
```

c)

```
C:\Users\aitor\Desktop\S1R1>git add libros.txt

C:\Users\aitor\Desktop\S1R1>git commit -m "Primera version"
[master (root-commit) 0cc05ca] Primera version
1 file changed, 3 insertions(+)
create mode 100644 libros.txt

C:\Users\aitor\Desktop\S1R1>
```

d)

```
libros.txt - Visual Studio Code

Wanage Learn More

C: > Users > aitor > Desktop > S1R1 > ≣ libros.txt

1 1984

2 The Witcher

3 Game of Thrones

4 Rebelion en la granja

5 Dr slump
```

e)

```
C:\Users\aitor\Desktop\S1R1>git add libros.txt
C:\Users\aitor\Desktop\S1R1>git commit -m "Segunda version"
[master 63eeaa4] Segunda version
1 file changed, 1 insertion(+), 1 deletion(-)
```

g)

```
ave

C:\Users\aitor\Desktop\S1R1>git status

On branch master

Untracked files:

(use "git add <file>..." to include in what will be committed)

peliculas.txt

nothing added to commit but untracked files present (use "git add" to track)

m n

C:\Users\aitor\Desktop\S1R1>_
```

h)

```
C:\Users\aitor\Desktop\S1R1>git add peliculas.txt
C:\Users\aitor\Desktop\S1R1>git add comidas.txt
C:\Users\aitor\Desktop\S1R1>git commit -m "Tercera version"
[master cca0a8d] Tercera version
2 files changed, 6 insertions(+)
create mode 100644 comidas.txt
create mode 100644 peliculas.txt
C:\Users\aitor\Desktop\S1R1>_
```

j) Nombre Fecha de modificación Tipo Tamaño 21/09/2021 19:30 Carpeta de archivos comidas.txt Abrir libros.txt 21 Imprimir peliculas.txt Editar S Compartir con Skype Z Edit with Notepad++ Examinar con Microsoft Defender... Abrir con > Conceder acceso a TortoiseSVN > Añadir al archivo... Añadir a "comidas.rar" Añadir y enviar por email... 🏧 Añadir a "comidas.rar" y enviar por email > SUPERAntiSpyware Restaurar versiones anteriores > Enviar a Cortar Copiar Crear acceso directo Eliminar Cambiar nombre Propiedades

```
all features. Manage Learn More

... E libros.txt E peliculas.txt X

C: > Users > aitor > Desktop > S1R1 > E peliculas.txt

1 Viernes 13
2 Stars Wars
3 Alien el octavo pasajero
4 Predator
5 Psicosis
```

I)

m)

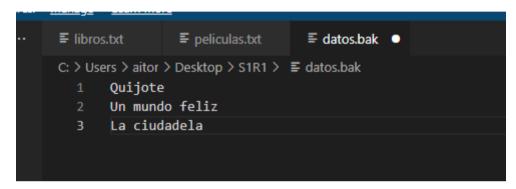
```
C:\Users\aitor\Desktop\S1R1>git add peliculas.txt
```

C:\Users\aitor\Desktop\S1R1>git add comidas.txt

n)

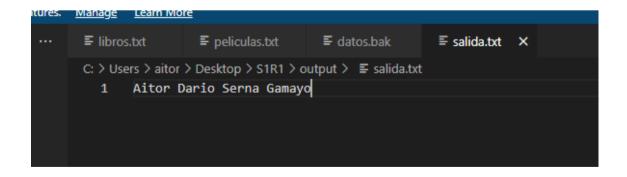
```
C:\Users\aitor\Desktop\S1R1>git commit -m "Cuarta version"
[master d2f9c01] Cuarta version
2 files changed, 3 insertions(+), 4 deletions(-)
delete mode 100644 comidas.txt
C:\Users\aitor\Desktop\S1R1>
```

o)



p)





```
C:\Users\aitor\Desktop\S1R1>git add .
C:\Users\aitor\Desktop\S1R1>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file: datos.bak
    new file: output/salida.txt
```

r)

s)

t)

```
C:\Users\aitor\Desktop\S1R1>git add .gitignore

C:\Users\aitor\Desktop\S1R1>git commit -m "Ultima version"
[master c2a462c] Ultima version
   1 file changed, 2 insertions(+)
   create mode 100644 .gitignore

C:\Users\aitor\Desktop\S1R1>
```

```
C:\Users\aitor\Desktop\S1R1>git log
commit c2a462c91cb69df902b991bb50e826b9f899286f (HEAD -> master)
Author: AitorSDG80 <serna20879@iesmarenostrum.com>
Date: Tue Sep 21 20:06:52 2021 +0200
   Ultima version
commit d2f9c016fa70a174cd945d0bf282e8f57a6e5e62
Author: AitorSDG80 <serna20879@iesmarenostrum.com>
Date: Tue Sep 21 19:37:52 2021 +0200
   Cuarta version
commit cca0a8d64e7d3ab0d601a64b2d7258eedcd6720a
Author: AitorSDG80 <serna20879@iesmarenostrum.com>
Date: Tue Sep 21 19:30:56 2021 +0200
   Tercera version
commit 63eeaa45547e95ca003efb136bd823299673e5c0
Author: AitorSDG80 <serna20879@iesmarenostrum.com>
Date: Tue Sep 21 19:25:15 2021 +0200
   Segunda version
commit f7e297b15f7a0bbecf0f0d14c791f33061433b67
Author: AitorSDG80 <serna20879@iesmarenostrum.com>
Date: Tue Sep 21 19:24:46 2021 +0200
   Primera version
```

3. Fundamentos de Git II

1.

C:\Users\aitor\Desktop>mkdir S2R1

a)

C:\Users\aitor\Desktop>cd S2R1

C:\Users\aitor\Desktop>cd S2R1

ve

C:\Users\aitor\Desktop\S2R1>git init

Initialized empty Git repository in C:/Users/aitor/Desktop/S2R1/.git/

b)

```
Tarantino

E actores.txt ×

C: > Users > aitor > Desktop > S2R1 > ≡ actores.txt

Clint Eastwood

Banderas

Tarantino
```

c)

```
C:\Users\aitor\Desktop\S2R1>git add actores.txt

C:\Users\aitor\Desktop\S2R1>git commit -m "Primera version"
[master (root-commit) 9bd1196] Primera version

1 file changed, 3 insertions(+)

n n create mode 100644 actores.txt
```

d)

```
C:\Users\aitor\Desktop\S2R1>git branch test
```

```
C:\Users\aitor\Desktop\S2R1>git checkout test
Switched to branch 'test'
```

f)

```
C:\Users\aitor\Desktop\S2R1>git add actrices.txt

C:\Users\aitor\Desktop\S2R1>git commit -m "Primera actualizacion en rama test"
[test ff7fe52] Primera actualizacion en rama test
1 file changed, 3 insertions(+)
create mode 100644 actrices.txt
```

g)

```
C:\Users\aitor\Desktop\S2R1>git log --graph --all
* commit ff7fe52b598eba64bd3df076053c34107a34e8e0 (HEAD -> test)
Author: Aitor Serna <serna20879@iesmarenostrum.com>
Date: Wed Sep 22 18:32:07 2021 +0200

Primera actualizacion en rama test

* commit 9bd1196ee5dd6dd3ef65843010d6fc03fc34b57b (master)
Author: AitorSDG80 <serna20879@iesmarenostrum.com>
Date: Tue Sep 21 20:14:50 2021 +0200

Primera version
C:\Users\aitor\Decktop\S2R1>
```

h)

C:\Users\aitor\Desktop\S2R1>git checkout master
Switched to branch 'master'

```
i)
  C:\Users\aitor\Desktop\S2R1>git merge test
  Updating 9bd1196..ff7fe52
 Fast-forward
  actrices.txt | 3 +++
  1 file changed, 3 insertions(+)
   create mode 100644 actrices.txt
j)
 C:\Users\aitor\Desktop\S2R1>git branch test2
k)
  C: > Users > aitor > Desktop > S2R1 > ≡ actrices.txt
        Penelope Cruz
     2 Silvia Abril
    3 Ana Ruiz
         Manuela Carmena
C:\Users\aitor\Desktop\S2R1>git add actrices.txt
C:\Users\aitor\Desktop\S2R1>git commit -m "Manuela Carmena"
[master 5898063] Manuela Carmena
 1 file changed, 2 insertions(+), 1 deletion(-)
I)
C:\Users\aitor\Desktop\S2R1>git checkout test2
Switched to branch 'test2'
m)
C:\Users\aitor\Desktop\S2R1>git add actrices.txt
C:\Users\aitor\Desktop\S2R1>git commit -m "Antonia San Juan"
[test2 1eb7f72] Antonia San Juan
 1 file changed, 2 insertions(+), 1 deletion(-)
```

```
C:\Users\aitor\Desktop\S2R1>git log --graph --all
 commit 1eb7f725cc15a89beebbaf5e9a7146615161c6e1 (HEAD -> test2)
 Author: AitorDSG80 <serna20879@iesmarenostrum.com>
 Date:
         Wed Sep 22 18:52:07 2021 +0200
     Antonia San Juan
 * commit 58980638ebf3ad7099708b7dbcf841370275c8b7 (master)
   Author: AitorDSG80 <serna20879@iesmarenostrum.com>
   Date: Wed Sep 22 18:49:58 2021 +0200
       Manuela Carmena
 commit ff7fe52b598eba64bd3df076053c34107a34e8e0 (test)
 Author: Aitor Serna <serna20879@iesmarenostrum.com>
 Date: Wed Sep 22 18:32:07 2021 +0200
     Primera actualizacion en rama test
 commit 9bd1196ee5dd6dd3ef65843010d6fc03fc34b57b
 Author: AitorSDG80 <serna20879@iesmarenostrum.com>
 Date: Tue Sep 21 20:14:50 2021 +0200
     Primera version
```

ñ)

C:\Users\aitor\Desktop\S2R1>git checkout master Switched to branch 'master'

0)

```
C:\Users\aitor\Desktop\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.
```

p)

```
E actrices.txt ×

C: > Users > aitor > Desktop > S2R1 > E actrices.txt

1    Penelope Cruz
2    Silvia Abril
3    Ana Ruiz
4    Manuela Carmena
5    Antonia San Juan
```

```
C:\Users\aitor\Desktop\S2R1>git add actrices.txt

C:\Users\aitor\Desktop\S2R1>git status
On branch master
All conflicts fixed but you are still merging.
  (use "git commit" to conclude merge)

Changes to be committed:
    modified: actrices.txt
```

C:\Users\aitor\Desktop\S2R1>git commit -m "Manuela Carmena y Antonia San Juan" [master 7ed9fa3] Manuela Carmena y Antonia San Juan

```
C:\Users\aitor\Desktop\S2R1>git log --graph --all
   commit 7ed9fa3b0c766d103d22486777358cc90f1464e0 (HEAD -> master)
   Merge: 5898063 1eb7f72
   Author: AitorDSG80 <serna20879@iesmarenostrum.com>
          Wed Sep 22 19:15:55 2021 +0200
   Date:
       Manuela Carmena y Antonia San Juan
 * commit 1eb7f725cc15a89beebbaf5e9a7146615161c6e1 (test2)
   Author: AitorDSG80 <serna20879@iesmarenostrum.com>
   Date: Wed Sep 22 18:52:07 2021 +0200
       Antonia San Juan
   commit 58980638ebf3ad7099708b7dbcf841370275c8b7
   Author: AitorDSG80 <serna20879@iesmarenostrum.com>
          Wed Sep 22 18:49:58 2021 +0200
       Manuela Carmena
 commit ff7fe52b598eba64bd3df076053c34107a34e8e0 (test)
 Author: Aitor Serna <serna20879@iesmarenostrum.com>
 Date: Wed Sep 22 18:32:07 2021 +0200
     Primera actualizacion en rama test
 commit 9bd1196ee5dd6dd3ef65843010d6fc03fc34b57b
 Author: AitorSDG80 <serna20879@iesmarenostrum.com>
 Date: Tue Sep 21 20:14:50 2021 +0200
     Primera version
```

2.

```
C:\Users\aitor\Desktop\S2R1>cd ..
C:\Users\aitor\Desktop>mkdir S2R2-remoto
C:\Users\aitor\Desktop>cd S2R2-remoto
C:\Users\aitor\Desktop\S2R2-remoto>git init --bare
Initialized empty Git repository in C:/Users/aitor/Desktop/S2R2-remoto/
```

```
C:\Users\aitor\Desktop>git clone S2R2-remoto/ S2R2
Cloning into 'S2R2'...
warning: You appear to have cloned an empty repository.
done.
```

a)

```
C: > Users > aitor > Desktop > S2R2 > ≡ directores.txt

1 Bardem
2 Almenabar
3 Alex de la iglesia
```

b)

```
C:\Users\aitor\Desktop\S2R2>git add directores.txt
C:\Users\aitor\Desktop\S2R2>git commit -m "3 primeros directores"
[master (root-commit) cdb9df0] 3 primeros directores
1 file changed, 3 insertions(+)
create mode 100644 directores.txt
```

c)

```
C:\Users\aitor\Desktop\S2R2>git push
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 266 bytes | 133.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To C:/Users/aitor/Desktop/S2R2-remoto/
* [new branch] master -> master
```

d)

```
C:\Users\aitor\Desktop\S2R2>git branch version1
```

C:\Users\aitor\Desktop\S2R2>git checkout version1

f)

```
C: > Users > aitor > Desktop > S2R2 > 
☐ directores.txt

1    Bardem
2    Almenabar
3    Alex de la iglesia
4    Spielberg
5    Tim Burton
```

```
C:\Users\aitor\Desktop\S2R2>git add directores.txt
C:\Users\aitor\Desktop\S2R2>git commit -m "Spielberg y Tim Burton"
[version1 b1a6ce2] Spielberg y Tim Burton
1 file changed, 3 insertions(+), 1 deletion(-)
```

g)

```
C:\Users\aitor\Desktop\S2R2>git push -u origin version1
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 324 bytes | 324.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To C:/Users/aitor/Desktop/S2R2-remoto/
* [new branch] version1 -> version1
Branch 'version1' set up to track remote branch 'version1' from 'origin'.
```

```
C:\Users\aitor\Desktop>git clone S2R2-remoto/ S2R3
Cloning into 'S2R3'...
done.
C:\Users\aitor\Desktop>cd S2R3
```

a)

```
C:\Users\aitor\Desktop\S2R3>type directores.txt
Bardem
Almenabar
Alex de la iglesia
C:\Users\aitor\Desktop\S2R3>git status
On branch master
Your branch is up to date with 'origin/master'.
nothing to commit, working tree clean
```

b)

```
C:\Users\aitor\Desktop\S2R3>git checkout version1
Switched to a new branch 'version1'
Branch 'version1' set up to track remote branch 'version1' from 'origin'.
```

```
C:\Users\aitor\Desktop\S2R3>git status
On branch version1
Your branch is up to date with 'origin/version1'.
nothing to commit, working tree clean
```

c)

```
C:\Users\aitor\Desktop\S2R3>type directores.txt
Bardem
Almenabar
Alex de la iglesia
Spielberg
Tim Burton
C:\Users\aitor\Desktop\S2R3\
```

```
C:\Users\aitor\Desktop\S2R3>git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
```

e)

```
C:\Users\aitor\Desktop\S2R3>git merge version1
Updating cdb9df0..b1a6ce2
Fast-forward
  directores.txt | 4 +++-
  1 file changed, 3 insertions(+), 1 deletion(-)
```

f)

```
C:\Users\aitor\Desktop\S2R3>git push
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To C:/Users/aitor/Desktop/S2R2-remoto/
cdb9df0..b1a6ce2 master -> master
```

a)

```
C:\Users\aitor\Desktop\S2R2>git fetch
From C:/Users/aitor/Desktop/S2R2-remoto
   cdb9df0..b1a6ce2 master
                                  -> origin/master
Author: AitorDSG80 <serna20879@iesmarenostrum.com>
Date: Wed Sep 22 19:40:54 2021 +0200
    3 primeros directores
C:\Users\aitor\Desktop\S2R2>git log --graph --all
  commit b1a6ce2eb89c4de9e0824ddd373d634f1e940f37 (origin/version1, origin/master, version1)
Author: AitorDSG80 Serna20879@iesmarenostrum.com>
Date: Wed Sep 22 19:47:07 2021 +0200
      Spielberg y Tim Burton
  commit cdb9df00613198f82cef6562e79c9f1df69b10ea (HEAD -> master)
  Author: AitorDSG80 <serna20879@iesmarenostrum.com>
  Date: Wed Sep 22 19:40:54 2021 +0200
      3 primeros directores
C:\Users\aitor\Desktop\S2R2>git status
On branch master
Your branch is behind 'origin/master' by 1 commit, and can be fast-forwarded.

(use "git pull" to update your local branch)
nothing to commit, working tree clean
```

b)

```
C:\Users\aitor\Desktop\S2R2>git pull
Updating cdb9df0..b1a6ce2
Fast-forward
  directores.txt | 4 +++-
  1 file changed, 3 insertions(+), 1 deletion(-)
```

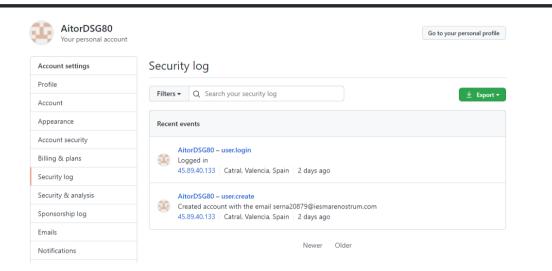
c)

```
C:\Users\aitor\Desktop\S2R2>type directores.txt
Bardem
Almenabar
Alex de la iglesia
Spielberg
Tim Burton
```

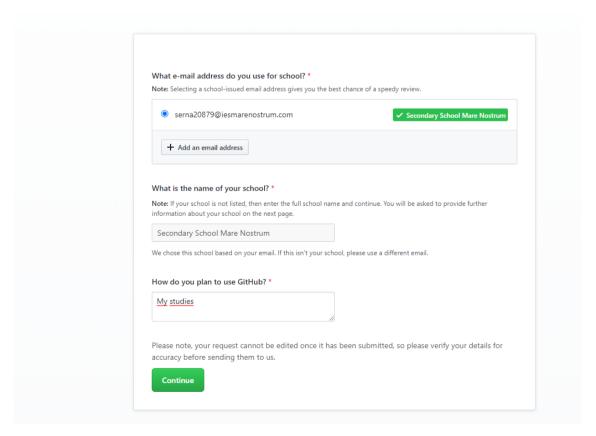
4. GitHub

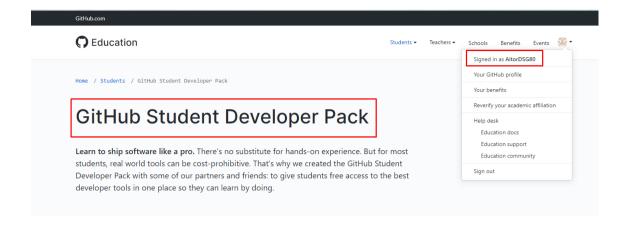
1.

2.

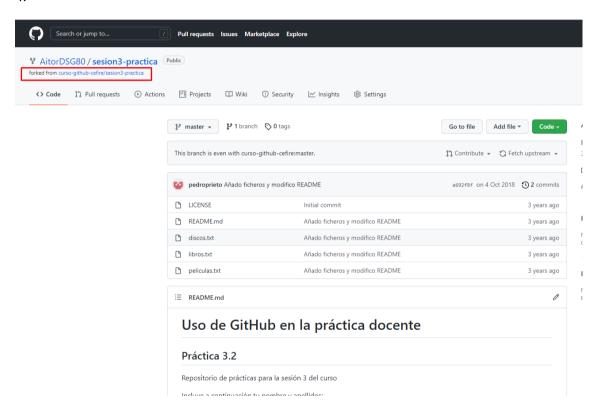


3.





4.



a)

```
(i) README.md X

C: > Users > aitor > Desktop > sesion3-practica > (i) README.md > (iii) # Uso de GitHub en la práctica docente > (iiii) # Práctica 3.2

1 # Uso de GitHub en la práctica docente
2 ## Práctica 3.2
3 Repositorio de prácticas para la sesión 3 del curso

Incluye a continuación tu nombre y apellidos: Aitor Dario Serna Gamayo
```

```
C:\Users\aitor\Desktop\sesion3-practica>git status
On branch master
Your branch is up to date with 'origin/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: README.md

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

C:\Users\aitor\Desktop\sesion3-practica>git add .

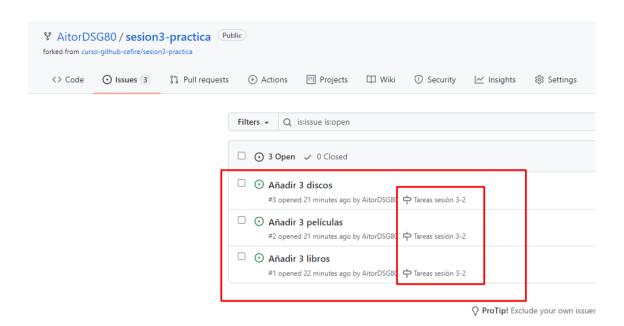
C:\Users\aitor\Desktop\sesion3-practica>git commit -m "Nombre y apellidos"
[master 58f72d2] Nombre y apellidos
1 file changed, 1 insertion(+), 1 deletion(-)

C:\Users\aitor\Desktop\sesion3-practica>
```

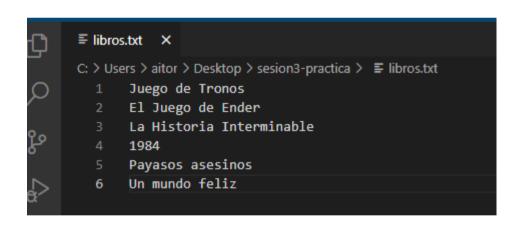
b)

<> Code	O Issues 3	?? Pull requests	Actions	Projects	₩iki	Security	∠ Insights
		_					
			Filters - C	is:issue is:open			
			□ 3 Ope	en 🗸 0 Closed			
			□	dir 3 discos			
				ened now by AitorDS(380		
			□ ○ Δ ñ a c	dir 3 películas			
			- O Anac	air 3 peliculas			

-

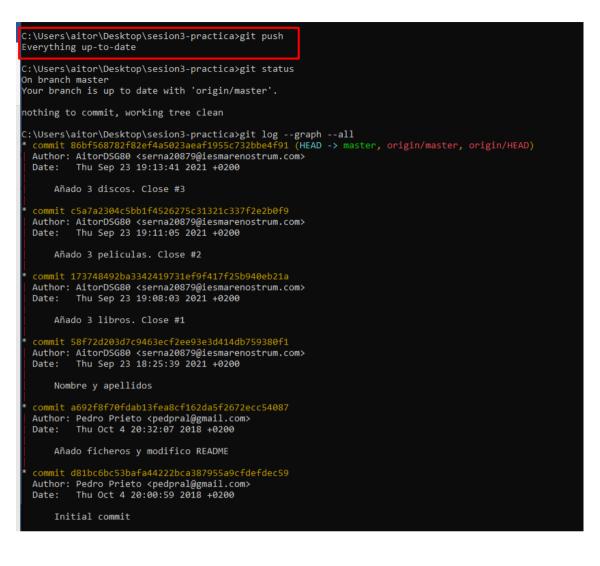


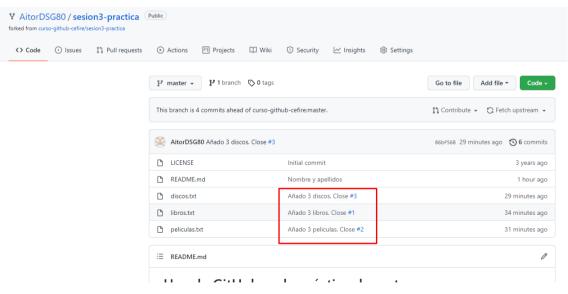
d) y e)



C:\Users\aitor\Desktop\sesion3-practica>git add peliculas.txt
C:\Users\aitor\Desktop\sesion3-practica>git commit -m "Añado 3 peliculas. Close #2"
[master c5a7a23] Añado 3 peliculas. Close #2
1 file changed, 3 insertions(+)

```
C:\Users\aitor\Desktop\sesion3-practica>git add discos.txt
C:\Users\aitor\Desktop\sesion3-practica>git commit -m "Añado 3 discos. Close #3"
[master 86bf568] Añado 3 discos. Close #3
1 file changed, 3 insertions(+)
```





f) y g)

Realizo un pdf de este Word, creo una carpeta Capturas en el repositorio y haremos pull Request