

Exercise Practical Work Lesson 4

Quentin Le Roux

1. Gitignore

1.

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git pull origin master
Username for 'https://github.com': testGithubUCA
Password for 'https://testGithubUCA@github.com':
From https://github.com/testGithubUCA/vip_test
 * branch          master      -> FETCH_HEAD
Already up to date.
```

2.

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git tag start_L.4
```

3.

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ touch 1234.stderr 1234.stdout 432.stderr 432.stdout
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ ls
1234.stderr 1234.stdout 432.stderr 432.stdout basic_algorithm_classwork copy_of_cycleGAN pictures README.md
```

4.

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ vim .gitignore
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ cat .gitignore
# Extensions
*.yml
*.ipynb
*.stderr
*.stdout

#Folders
/copy_of_cycleGAN/options
/copy_of_cycleGAN/util
```

5.

testGithubUCA renamed /util_1, /options_1 in cycleGAN fork	
basic_algorithm_classwork	Push of Basic Algorithms classwork.
copy_of_cycleGAN	renamed /util_1, /options_1 in cycleGAN fork
pictures	Pictures added to README.md
.gitignore	renamed /util_1, /options_1 in cycleGAN fork
README.md	Pictures added to README.md

6.

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git tag addignore
```

7.

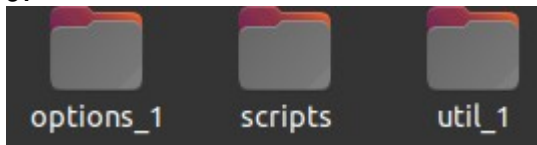
```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ vim .gitignore
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ cat .gitignore
# Extensions
*.yml
*.ipynb
*.stderr
*.stdout

#Folders
/copy_of_cycleGAN/options_1
/copy_of_cycleGAN/util_1
```

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git add .
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git commit -m ".gitignore rewrite to ignore previously created folders"
[master e9b78be] .gitignore rewrite to ignore previously created folders
11 files changed, 2 insertions(+), 777 deletions(-)
delete mode 100644 copy_of_cycleGAN/options/__init__.py
delete mode 100644 copy_of_cycleGAN/options/base_options.py
delete mode 100644 copy_of_cycleGAN/options/test_options.py
delete mode 100644 copy_of_cycleGAN/options/train_options.py
delete mode 100644 copy_of_cycleGAN/util/__init__.py
delete mode 100644 copy_of_cycleGAN/util/get_data.py
delete mode 100644 copy_of_cycleGAN/util/html.py
delete mode 100644 copy_of_cycleGAN/util/image_pool.py
delete mode 100644 copy_of_cycleGAN/util/util.py
delete mode 100644 copy_of_cycleGAN/util/visualizer.py
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git push origin master
Username for 'https://github.com': testGithubUCA
Password for 'https://testGithubUCA@github.com':
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 4 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 513 bytes | 513.00 KiB/s, done.
Total 4 (delta 2), reused 0 (delta 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/testGithubUCA/vip_test.git
67e5497..e9b78be master -> master
```

8. files were not moved

9.



```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ ./file_renamer.sh "basic_algorithm_classwork" ".yml"
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ ./file_renamer.sh "pictures" ".yml"
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ ./file_renamer.sh "copy_of_cycleGAN" ".yml"
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ nano file_renamer.sh
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ ./file_renamer.sh "copy_of_cycleGAN" ".ipynb"
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ ./file_renamer.sh "basic_algorithm_classwork" ".ipynb"
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ ./file_renamer.sh "pictures" ".ipynb"
```

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test/basic_algorithm_classwork$ ls
k-means_from_scratch.ipynb_1
```

10.

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test/basic_algorithm_classwork$ git add .
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test/basic_algorithm_classwork$ git commit -m "Performed repairs on file names"
[master e9199e6] Performed repairs on file names
2 files changed, 1 insertion(+), 1 deletion(-)
rename basic_algorithm_classwork/k-means_from_scratch.ipynb => k-means_from_scratch.ipynb_1 (100%)
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test/basic_algorithm_classwork$ git push origin master
Username for 'https://github.com': testGithubUCA
Password for 'https://testGithubUCA@github.com':
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 4 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 520 bytes | 520.00 KiB/s, done.
Total 4 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/testGithubUCA/vip_test.git
c948d40..e9199e6 master -> master
```

11.



12. 13.

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git checkout addignore .gitignore
Updated 1 path from c47aadb
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   .gitignore

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

14.

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean
```

15.

testGithubUCA / vip_test Private

<> Code Issues Pull requests Actions Projects Security Insights Settings

master 1 branch 0 tags Go to file Add file Code

testGithubUCA	Push everything made after tag addignore	6553f11 1 minute ago 11 commits
basic_algorithm_classwork	Push everything made after tag addignore	1 minute ago
copy_of_cycleGAN	renamed /util_1, /options_1 in cycleGAN fork	35 minutes ago
pictures	Pictures added to README.md	6 days ago
.gitignore	Push everything made after tag addignore	1 minute ago
README.md	Pictures added to README.md	6 days ago

2. Branching

16.

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git config --global alias.hist 'log --pretty=format:"%h %ad | %s%d [%an]" --graph --date=short'
```

17.

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git config --list
user.name=testGithubUCA
user.email=penseesaleatoires@gmail.com
alias.hist=log --pretty=format:"%h %ad | %s%d [%an]" --graph --date=short
core.repositoryformatversion=0
core.filemode=true
core.bare=false
core.logallrefupdates=true
remote.origin.url=https://github.com/testGithubUCA/vip_test.git
remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
branch.master.remote=origin
branch.master.merge=refs/heads/master
```

18.

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git hist
* 6553f11 2020-10-01 | Push everything made after tag addignore (HEAD -> master, origin/master, origin/HEAD) [testGithubUCA]
* a870e2d 2020-10-01 | modified gitignore [testGithubUCA]
* e9199e6 2020-10-01 | Performed repairs on file names [testGithubUCA]
* c948d40 2020-10-01 | renamed /util_1, /options_1 in cycleGAN fork [testGithubUCA]
* e9b78be 2020-10-01 | .gitignore rewrite to ignore previously created folders (tag: addignore) [testGithubUCA]
* 67e5497 2020-10-01 | .gitignore creation & testing [testGithubUCA]
* 6382e4c 2020-10-01 | .gitignore creation & testing [testGithubUCA]
* 2068103 2020-09-25 | Push of the copy of the CycleGAN repository (tag: start_L.4) [test account githubUCA]
* cd8da9c 2020-09-25 | Pictures added to README.md [test account githubUCA]
* c71f984 2020-09-25 | Push of Basic Algorithms classwork. [test account githubUCA]
* feb4d6e 2020-09-25 | Initial commit [testGithubUCA]
```

19.


```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git branch
* master
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git branch "secondary"
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git branch
* master
  secondary
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git checkout "secondary"
Switched to branch 'secondary'
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git branch
  master
* secondary
```

20.

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ ls
copy_of_cycleGAN  README.md
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ cd copy_of_cycleGAN/
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test/copy_of_cycleGAN$ find . -type f ! -iname *.py -delete
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test/copy_of_cycleGAN$ ls
data  datasets  docs  imgs  models  options  scripts  test.py  train.py  util
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test/copy_of_cycleGAN$
```

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ ls
copy_of_cycleGAN  README.md
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ cd copy_of_cycleGAN/
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test/copy_of_cycleGAN$ find . -type f ! -iname *.py -delete
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test/copy_of_cycleGAN$ ls
data  datasets  docs  imgs  models  options  scripts  test.py  train.py  util
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test/copy_of_cycleGAN$ cd ..
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git add .
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git commit -m "remove all files but README and .py, no file_test in folder"
secondary c7a48f1 remove all files but README and .py, no file_test in folder
42 files changed, 2983 deletions(-)
delete mode 100644 basic_algorithm_classwork/k-means_from_scratch.ipynb
delete mode 100644 copy_of_cycleGAN/CycleGAN.ipynb
delete mode 100644 copy_of_cycleGAN/LICENSE
delete mode 100644 copy_of_cycleGAN/README.md
delete mode 100644 copy_of_cycleGAN/datasets/bibtex/cityscapes.tex
delete mode 100644 copy_of_cycleGAN/datasets/bibtex/facades.tex
delete mode 100644 copy_of_cycleGAN/datasets/bibtex/handbags.tex
delete mode 100644 copy_of_cycleGAN/datasets/bibtex/shoes.tex
delete mode 100644 copy_of_cycleGAN/datasets/bibtex/transattr.tex
delete mode 100755 copy_of_cycleGAN/datasets/download_cyclegan_dataset.sh
delete mode 100755 copy_of_cycleGAN/datasets/download_pix2pix_dataset.sh
delete mode 100644 copy_of_cycleGAN/docs/Dockerfile
delete mode 100644 copy_of_cycleGAN/docs/README_es.md
delete mode 100644 copy_of_cycleGAN/docs/datasets.md
delete mode 100644 copy_of_cycleGAN/docs/docker.md
delete mode 100644 copy_of_cycleGAN/docs/overview.md
delete mode 100644 copy_of_cycleGAN/docs/qa.md
delete mode 100644 copy_of_cycleGAN/docs/tips.md
delete mode 100644 copy_of_cycleGAN/environment.yml
delete mode 100644 copy_of_cycleGAN/imgs/edges2cats.jpg
delete mode 100644 copy_of_cycleGAN/imgs/horse2zebra.gif
delete mode 100644 copy_of_cycleGAN/pix2pix.ipynb
delete mode 100644 copy_of_cycleGAN/requirements.txt
delete mode 100644 copy_of_cycleGAN/scripts/conda_deps.sh
delete mode 100644 copy_of_cycleGAN/scripts/download_cyclegan_model.sh
delete mode 100644 copy_of_cycleGAN/scripts/download_pix2pix_model.sh
delete mode 100755 copy_of_cycleGAN/scripts/edges/PostprocessSED.m
delete mode 100755 copy_of_cycleGAN/scripts/eval_cityscapes/caffemodel/deploy_prototxt
delete mode 100755 copy_of_cycleGAN/scripts/eval_cityscapes/download_fc8s.sh
delete mode 100644 copy_of_cycleGAN/scripts/install_deps.sh
delete mode 100644 copy_of_cycleGAN/scripts/test_colorization.sh
delete mode 100755 copy_of_cycleGAN/scripts/test_cyclegan.sh
delete mode 100755 copy_of_cycleGAN/scripts/test_pix2pix.sh
delete mode 100755 copy_of_cycleGAN/scripts/test_single.sh
delete mode 100644 copy_of_cycleGAN/scripts/train_colorization.sh
delete mode 100755 copy_of_cycleGAN/scripts/train_cyclegan.sh
delete mode 100755 copy_of_cycleGAN/scripts/train_pix2pix.sh
delete mode 100644 copy_of_cycleGAN/test_file
delete mode 100644 pictures/pic1.jpeg
delete mode 100644 pictures/pic2.jpeg
delete mode 100644 pictures/pic3.jpeg
delete mode 100644 pictures/pic4.jpeg
```

```
delete mode 100644 pictures/pic4.jpeg
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git push origin master
Username for 'https://github.com': testGithubUCA
Password for 'https://testGithubUCA@github.com':
Everything up-to-date
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git branch
  master
* secondary
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git push --set-upstream origin secondary
Username for 'https://github.com': testGithubUCA
Password for 'https://testGithubUCA@github.com':
Enumerating objects: 13, done.
Counting objects: 100% (13/13), done.
Delta compression using up to 4 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (7/7), 655 bytes | 655.00 KiB/s, done.
Total 7 (delta 4), reused 0 (delta 0)
remote: Resolving deltas: 100% (4/4), completed with 4 local objects.
remote:
remote: Create a pull request for 'secondary' on GitHub by visiting:
remote:   https://github.com/testGithubUCA/vip_test/pull/new/secondary
remote:
To https://github.com/testGithubUCA/vip_test.git
 * [new branch]      secondary -> secondary
Branch 'secondary' set up to track remote branch 'secondary' from 'origin'.
```

21.

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ touch file_from_my_branch
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git add .
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git commit -m "add file_from_my_branch"
[secondary e0cb8d6] add file_from_my_branch
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 file_from_my_branch
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git push origin secondary
Username for 'https://github.com': testGithubUCA
Password for 'https://testGithubUCA@github.com':
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 299 bytes | 299.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/testGithubUCA/vip_test.git
c7a48f1..e0cb8d6 secondary -> secondary
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$
```

22.

testGithubUCA / vip_test
Private

Code
Issues
Pull requests
Actions
Projects
Security
Insights
Settings

secondary had recent pushes 1 minute ago
Compare & pull request

secondary
2 branches
0 tags
Go to file
Add file
Code

This branch is 2 commits ahead of master.
Pull request
Compare

testGithubUCA	add file_from_my_branch	e0cb8d6	1 minute ago	13 commits
copy_of_cycleGAN	remove all files but README and .py, no file_test in folder		4 minutes ago	
.gitignore	Push everything made after tag addignore		30 minutes ago	
README.md	Pictures added to README.md		6 days ago	
file_from_my_branch	add file_from_my_branch		1 minute ago	

23.

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$
```

24.

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git pull origin secondary
Username for 'https://github.com': testGithubUCA
Password for 'https://testGithubUCA@github.com':
From https://github.com/testGithubUCA/vip_test
* branch          secondary -> FETCH_HEAD
Updating 6553f11..e0cb8d6
Fast-forward
 basic_algorithm_classwork/k-means_from_scratch.ipynb | 581 -----
 copy_of_cycleGAN/CycleGAN.ipynb                     | 255 -----
 copy_of_cycleGAN/LICENSE                             | 58 -----
 copy_of_cycleGAN/README.md                           | 244 -----
 copy_of_cycleGAN/datasets/bibtex/cityscapes.tex       | 6 -
 copy_of_cycleGAN/datasets/bibtex/facades.tex         | 7 -
 copy_of_cycleGAN/datasets/bibtex/handbags.tex        | 13 --
 copy_of_cycleGAN/datasets/bibtex/shoes.tex           | 14 --
 copy_of_cycleGAN/datasets/bibtex/transattr.tex       | 8 --
 copy_of_cycleGAN/datasets/download_cyclegan_dataset.sh | 21 ---
 copy_of_cycleGAN/datasets/download_pix2pix_dataset.sh | 22 ----
 copy_of_cycleGAN/docs/Dockerfile                    | 13 --
 copy_of_cycleGAN/docs/README_es.md                  | 238 -----
 copy_of_cycleGAN/docs/datasets.md                   | 44 -----
 copy_of_cycleGAN/docs/docker.md                     | 38 -----
 copy_of_cycleGAN/docs/overview.md                   | 45 -----
 copy_of_cycleGAN/docs/qa.md                         | 127 -----
 copy_of_cycleGAN/docs/tips.md                       | 74 -----
 copy_of_cycleGAN/environment.yml                    | 14 --
 copy_of_cycleGAN/imgs/edges2cats.jpg                | Bin 24100 -> 0 bytes
 copy_of_cycleGAN/imgs/horse2zebra.gif               | Bin 7686299 -> 0 bytes
 copy_of_cycleGAN/pix2pix-1a9b8
```

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git merge secondary
Already up to date.
```

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git push origin master
Username for 'https://github.com': testGithubUCA
Password for 'https://testGithubUCA@github.com':
Total 0 (delta 0), reused 0 (delta 0)
To https://github.com/testGithubUCA/vip_test.git
 6553f11..e0cb8d6  master -> master
```

25.

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git branch -d secondary
Deleted branch secondary (was e0cb8d6).
```

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git push origin --delete secondary
Username for 'https://github.com': testGithubUCA
Password for 'https://testGithubUCA@github.com':
To https://github.com/testGithubUCA/vip_test.git
- [deleted]          secondary
```

26.

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git branch
* master
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git branch tertiary
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git checkout tertiary
Switched to branch 'tertiary'
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git branch
  master
* tertiary
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$
```

27.


```

(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ vim README.md
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ cat README.md
# vip_test
Test private repository for learning.
This line was added from Master

### Cute pictures

![picture 1](pictures/pic1.jpeg)

![picture 2](pictures/pic2.jpeg)

![picture 3](pictures/pic3.jpeg)

![picture 4](pictures/pic4.jpeg)
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git add .
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git commit -m "Modified README.md"
[tertiary 94938e7] Modified README.md
 1 file changed, 1 insertion(+)
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git push origin tertiary
Username for 'https://github.com': testGithubUCA
Password for 'https://testGithubUCA@github.com':
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 339 bytes | 339.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
remote:
remote: Create a pull request for 'tertiary' on GitHub by visiting:
remote:   https://github.com/testGithubUCA/vip_test/pull/new/tertiary
remote:
To https://github.com/testGithubUCA/vip_test.git
 * [new branch]      tertiary -> tertiary

```

28.

```

(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

```

29.

```

(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ vim README.md
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ cat README.md
# vip_test
Test private repository for learning.
This line was added from master.
### Cute pictures








(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git add .
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git commit -m "Updated the README.md"
[master 438e276] Updated the README.md
1 file changed, 1 insertion(+), 1 deletion(-)
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git push origin master
Username for 'https://github.com': testGithubUCA
Password for 'https://testGithubUCA@github.com':
remote: Invalid username or password.
fatal: Authentication failed for 'https://github.com/testGithubUCA/vip_test.git/'
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git push origin master
Username for 'https://github.com': testGithubUCA
Password for 'https://testGithubUCA@github.com':
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 337 bytes | 337.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/testGithubUCA/vip_test.git
e0cb8d6..438e276 master -> master

```

30.

```

(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git merge tertiary
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
Automatic merge failed; fix conflicts and then commit the result.

```

```

(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ cat README.md
# vip_test
Test private repository for learning.
<<<<<<< HEAD
This line was added from master.
=====
This line was added from Master
>>>>>>> tertiary

```

31.


```

(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ nano README.md
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ cat README.md
# vip_test
Test private repository for learning.
This line was added from master.

### Cute pictures

![picture 1](pictures/pic1.jpeg)

![picture 2](pictures/pic2.jpeg)

![picture 3](pictures/pic3.jpeg)

![picture 4](pictures/pic4.jpeg)

```

32.

```

cises/vip_test$ git add .
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git commit "Resolved issue on merging readme."
fatal: cannot do a partial commit during a merge.
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git commit -m "Resolved issue on merging readme."
[master 883d211] Resolved issue on merging readme.
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git branch
* master
  tertiary
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git push origin master
Username for 'https://github.com': testGithubUCA
Password for 'https://testGithubUCA@github.com':
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 336 bytes | 336.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/testGithubUCA/vip_test.git
  438e276..883d211  master -> master
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$

```

33.

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git hist
* 883d211 2020-10-01 | Resolved issue on merging readme. (HEAD -> master, origin/master, origin/HEAD) [testGithubUCA]
| \
| * 94938e7 2020-10-01 | Modified README.md (origin/tertiary, tertiary) [testGithubUCA]
* | 438e276 2020-10-01 | Updated the README.md [testGithubUCA]
| /
* e0cb8d6 2020-10-01 | add file_from_my_branch [testGithubUCA]
* c7a48f1 2020-10-01 | remove all files but README and .py, no file_test in folder [testGithubUCA]
* 6553f11 2020-10-01 | Push everything made after tag addignore [testGithubUCA]
* a870e2d 2020-10-01 | modified gitignore [testGithubUCA]
* e9199e6 2020-10-01 | Performed repairs on file names [testGithubUCA]
* c948d40 2020-10-01 | renamed /util_1, /options_1 in cycleGAN fork [testGithubUCA]
* e9b78be 2020-10-01 | .gitignore rewrite to ignore previously created folders (tag: addignore) [testGithubUCA]
* 67e5497 2020-10-01 | .gitignore creation & testing [testGithubUCA]
* 6382e4c 2020-10-01 | .gitignore creation & testing [testGithubUCA]
* 2068103 2020-09-25 | Push of the copy of the CycleGAN repository (tag: start_L.4) [test account githubUCA]
* cd8da9c 2020-09-25 | Pictures added to README.md [test account githubUCA]
* c71f984 2020-09-25 | Push of Basic Algorithms classwork. [test account githubUCA]
* feb4d6e 2020-09-25 | Initial commit [testGithubUCA]
```

3. Old Version

33.

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git checkout start_L.4
Note: switching to 'start_L.4'.

You are in 'detached HEAD' state. You can look around, make experimental
changes and commit them, and you can discard any commits you make in this
state without impacting any branches by switching back to a branch.

If you want to create a new branch to retain commits you create, you may
do so (now or later) by using -c with the switch command. Example:

    git switch -c <new-branch-name>

Or undo this operation with:

    git switch -

Turn off this advice by setting config variable advice.detachedHead to false

HEAD is now at 2068103 Push of the copy of the CycleGAN repository
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ ls
basic_algorithm_classwork  copy_of_cycleGAN  pictures  README.md
```

34.

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git branch old_version
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git branch
* (HEAD detached at start_L.4)
  master
  old_version
  tertiary
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git push origin --delete tertiary
Username for 'https://github.com': testGithubUCA
Password for 'https://testGithubUCA@github.com':
To https://github.com/testGithubUCA/vip_test.git
- [deleted]          tertiary
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git checkout old_version
Switched to branch 'old_version'
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ ls
basic_algorithm_classwork  copy_of_cycleGAN  pictures  README.md
```

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git push origin old_version
Username for 'https://github.com': testGithubUCA
Password for 'https://testGithubUCA@github.com':
Total 0 (delta 0), reused 0 (delta 0)
remote:
remote: Create a pull request for 'old_version' on GitHub by visiting:
remote:   https://github.com/testGithubUCA/vip_test/pull/new/old_version
remote:
To https://github.com/testGithubUCA/vip_test.git
 * [new branch]      old_version -> old_version
```

35.

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
```

36.

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ ls
copy_of_cycleGAN  file_from_my_branch  README.md
```

37.

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git checkout start_L4 copy_of_cycleGAN/environment.yml
Updated 1 path from a16cb3e
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ ls
copy_of_cycleGAN  file_from_my_branch  README.md
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ cd copy_of_cycleGAN/
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test/copy_of_cycleGAN$ ls
data  datasets  environment.yml  models  options  scripts  test.py  train.py  util
```

38.

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test/copy_of_cycleGAN$ ls
data  datasets  environment.yml  models  options  scripts  test.py  train.py  util
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test/copy_of_cycleGAN$ cd ..
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   copy_of_cycleGAN/environment.yml
```


39.

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git add copy_of_cycleGAN/environment.yml
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git commit -m "Adding environment.yml to cycleGAN"
[master df2aaae] Adding environment.yml to cycleGAN
1 file changed, 14 insertions(+)
create mode 100644 copy_of_cycleGAN/environment.yml
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git push origin master
Username for 'https://github.com': testGithubUCA
Password for 'https://testGithubUCA@github.com':
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 4 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 526 bytes | 526.00 KiB/s, done.
Total 4 (delta 2), reused 1 (delta 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/testGithubUCA/vip_test.git
883d211..df2aaae master -> master
```

40.

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git hist
* df2aaae 2020-10-01 | Adding environment.yml to cycleGAN (HEAD -> master, origin/master, or
igin/HEAD) [testGithubUCA]
* 883d211 2020-10-01 | Resolved issue on merging readme. [testGithubUCA]
| \
| * 94938e7 2020-10-01 | Modified README.md (tertiary) [testGithubUCA]
* | 438e276 2020-10-01 | Updated the README.md [testGithubUCA]
| /
* e0cb8d6 2020-10-01 | add file_from_my_branch [testGithubUCA]
* c7a48f1 2020-10-01 | remove all files but README and .py, no file_test in folder [testGithubUCA]
* 6553f11 2020-10-01 | Push everything made after tag addignore [testGithubUCA]
* a870e2d 2020-10-01 | modified gitignore [testGithubUCA]
* e9199e6 2020-10-01 | Performed repairs on file names [testGithubUCA]
* c948d40 2020-10-01 | renamed /util_1, /options_1 in cycleGAN fork [testGithubUCA]
* e9b78be 2020-10-01 | .gitignore rewrite to ignore previously created folders (tag: addignore) [testGithubUCA]
* 67e5497 2020-10-01 | .gitignore creation & testing [testGithubUCA]
* 6382e4c 2020-10-01 | .gitignore creation & testing [testGithubUCA]
* 2068103 2020-09-25 | Push of the copy of the CycleGAN repository (tag: start_L.4, origin/old_version, old_version) [test account githubUCA]
* cd8da9c 2020-09-25 | Pictures added to README.md [test account githubUCA]
* c71f984 2020-09-25 | Push of Basic Algorithms classwork. [test account githubUCA]
* feb4d6e 2020-09-25 | Initial commit [testGithubUCA]
```

41.

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git branch
* master
  old_version
  tertiary
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git branch -d old_version
Deleted branch old_version (was 2068103).
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git push origin --delete old_version
Username for 'https://github.com': testGithubUCA
Password for 'https://testGithubUCA@github.com':
To https://github.com/testGithubUCA/vip_test.git
- [deleted]          old_version
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git branch -d tertiary
Deleted branch tertiary (was 94938e7).
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git push origin --delete tertiary
Username for 'https://github.com': testGithubUCA
Password for 'https://testGithubUCA@github.com':
error: unable to delete 'tertiary': remote ref does not exist
error: failed to push some refs to 'https://github.com/testGithubUCA/vip_test.git'
```

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git reset --hard addignore
HEAD is now at e9b78be .gitignore rewrite to ignore previously created folders
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ ls
basic_algorithm_classwork  copy_of_cycleGAN  pictures  README.md
```

42.

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git hist
* e9b78be 2020-10-01 | .gitignore rewrite to ignore previously created folders (HEAD -> master, tag: addignore) [testGithubUCA]
* 67e5497 2020-10-01 | .gitignore creation & testing [testGithubUCA]
* 6382e4c 2020-10-01 | .gitignore creation & testing [testGithubUCA]
* 2068103 2020-09-25 | Push of the copy of the CycleGAN repository (tag: start_L.4) [test account githubUCA]
* cd8da9c 2020-09-25 | Pictures added to README.md [test account githubUCA]
* c71f984 2020-09-25 | Push of Basic Algorithms classwork. [test account githubUCA]
* feb4d6e 2020-09-25 | Initial commit [testGithubUCA]
```

43.

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git hist --all
* df2aaae 2020-10-01 | Adding environment.yml to cycleGAN (origin/master, origin/HEAD) [testGithubUCA]
* 883d211 2020-10-01 | Resolved issue on merging readme. [testGithubUCA]
| \
| * 94938e7 2020-10-01 | Modified README.md [testGithubUCA]
* | 438e276 2020-10-01 | Updated the README.md [testGithubUCA]
| /
* e0cb8d6 2020-10-01 | add file_from_my_branch [testGithubUCA]
* c7a48f1 2020-10-01 | remove all files but README and .py, no file_test in folder [testGithubUCA]
* 6553f11 2020-10-01 | Push everything made after tag addignore [testGithubUCA]
* a870e2d 2020-10-01 | modified gitignore [testGithubUCA]
* e9199e6 2020-10-01 | Performed repairs on file names [testGithubUCA]
* c948d40 2020-10-01 | renamed /util_1, /options_1 in cycleGAN fork [testGithubUCA]
* e9b78be 2020-10-01 | .gitignore rewrite to ignore previously created folders (HEAD -> master, tag: addignore) [testGithubUCA]
* 67e5497 2020-10-01 | .gitignore creation & testing [testGithubUCA]
* 6382e4c 2020-10-01 | .gitignore creation & testing [testGithubUCA]
* 2068103 2020-09-25 | Push of the copy of the CycleGAN repository (tag: start_L.4) [test account githubUCA]
* cd8da9c 2020-09-25 | Pictures added to README.md [test account githubUCA]
* c71f984 2020-09-25 | Push of Basic Algorithms classwork. [test account githubUCA]
* feb4d6e 2020-09-25 | Initial commit [testGithubUCA]
```

44.

```
(base) quentin@uca-qlr:~/Programming/UCA_MSc-DS1/MSc 1 Refreshers/Basic Tools/lecture_3/exercises/vip_test$ git checkout df2aaae
Note: switching to 'df2aaae'.
```

You are in 'detached HEAD' state. You can look around, make experimental changes and commit them, and you can discard any commits you make in this state without impacting any branches by switching back to a branch.

If you want to create a new branch to retain commits you create, you may do so (now or later) by using -c with the switch command. Example:

```
git switch -c <new-branch-name>
```

Or undo this operation with:

```
git switch -
```

Turn off this advice by setting config variable advice.detachedHead to false

```
HEAD is now at df2aaae Adding environment.yml to cycleGAN
```