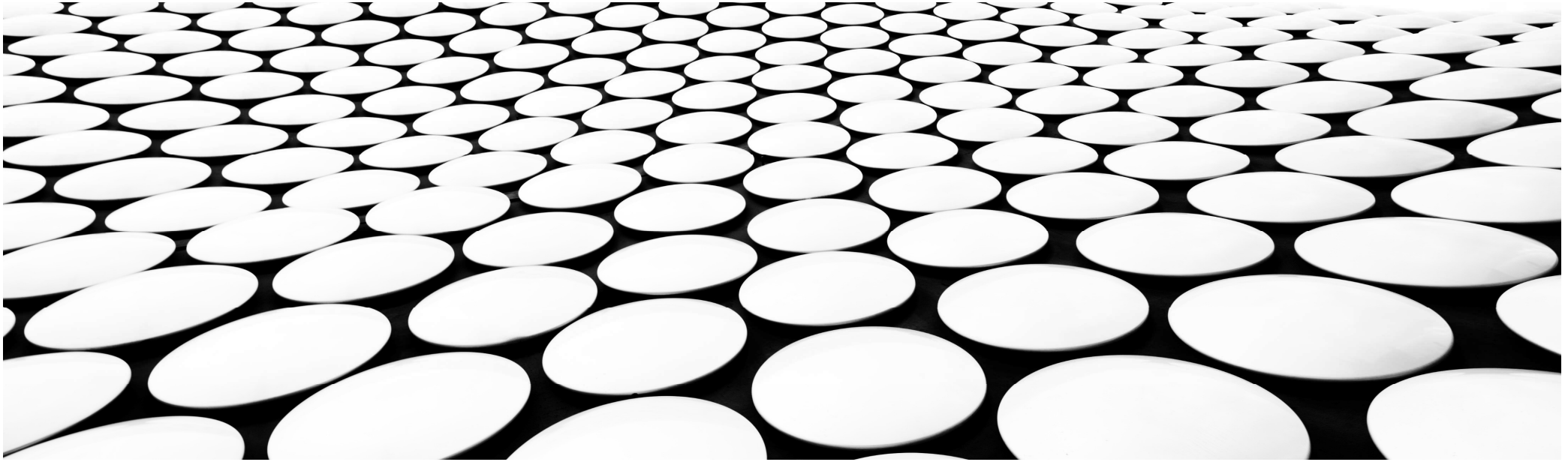
www.ackolandjian.tk

GET STARTED WITH GIT AND GITHUB

ANNA CHRISTINA KOLANDJIAN



DOWNLOAD GIT

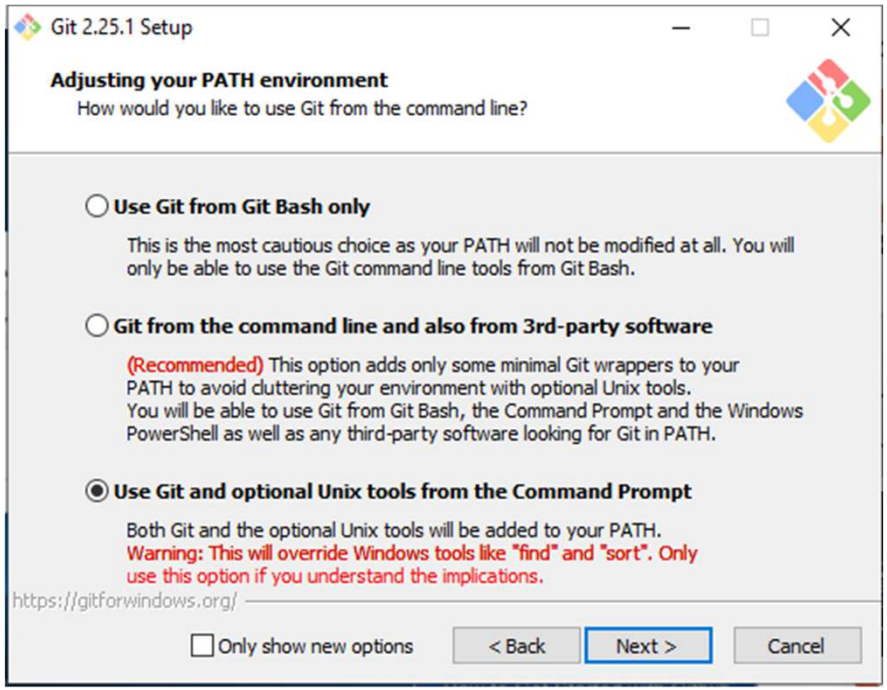
First, click on the link below and choose your OS:

https://www.git-scm.com/downloads

NB: Don't choose the "GUI Clients" because if you are looking for a job, most of the companies will ask for the commands instead of GUI programs.

DOWNLOAD GIT

Leave everything as default, except the one below, choose the third option:



This way you can use Unix tools and Windows Command Prompt

CREATE GITHUB ACCOUNT

Click the link below:

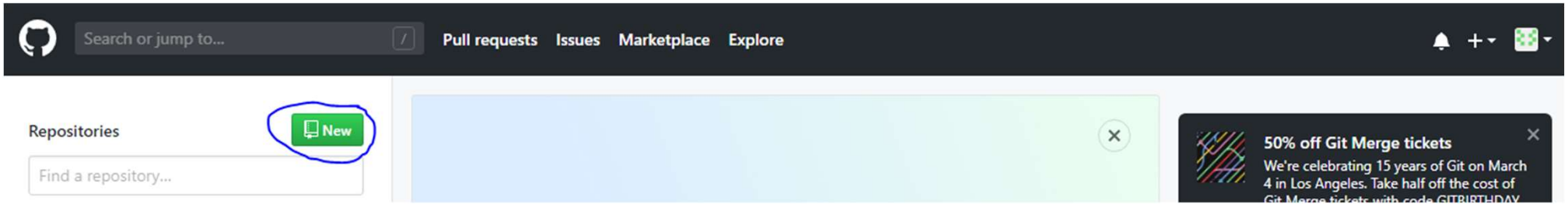
https://github.com/

Create a new account and verify your email.

GitHub

CREATE A NEW REPOSITORY

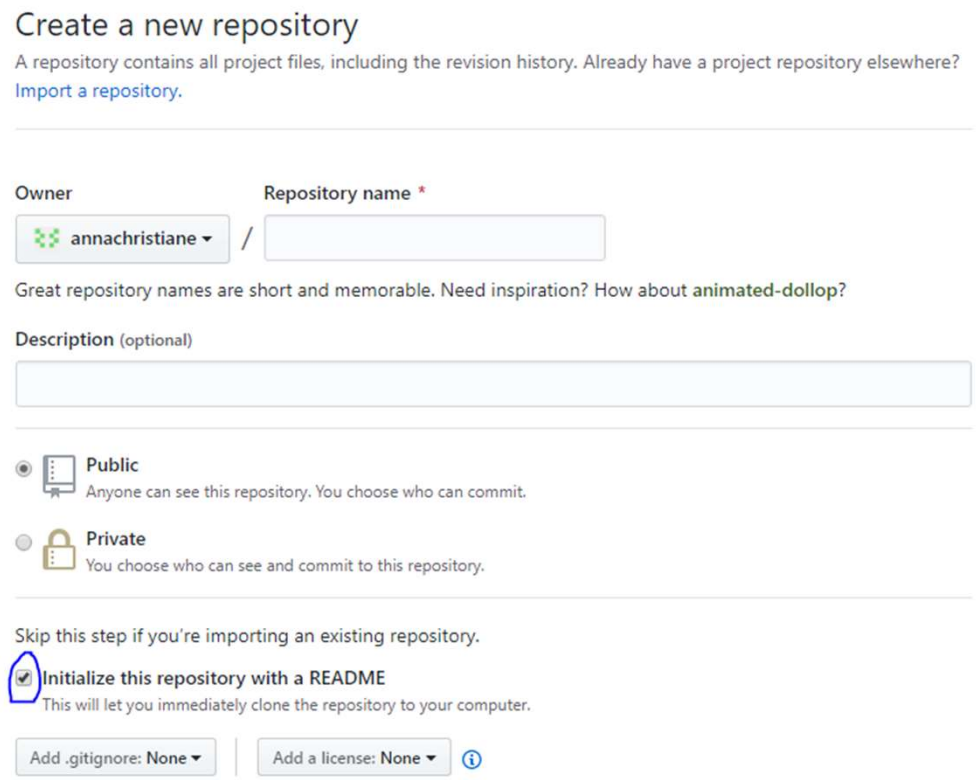
Click on the New button to create a new repository



Or click on the link below:

https://github.com/new

CREATE A NEW REPOSITORY

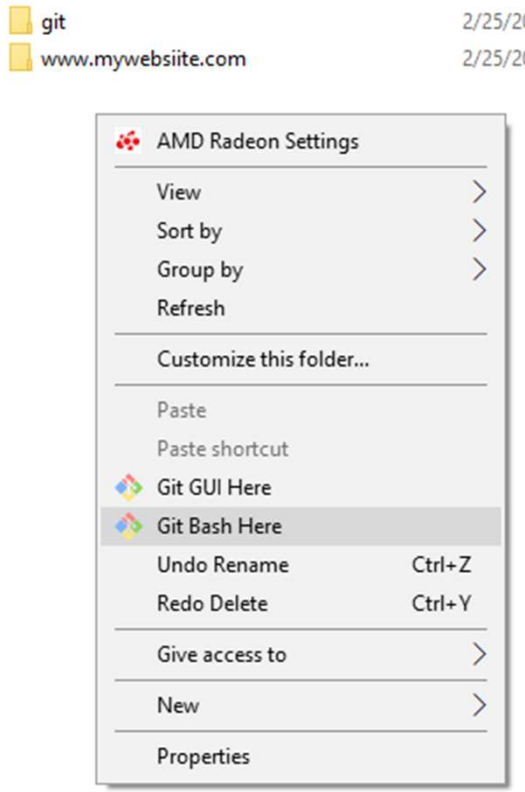


Put a new repository name
(I will put mine ACK)

Keep your repository Public

Initialize this repository with a README

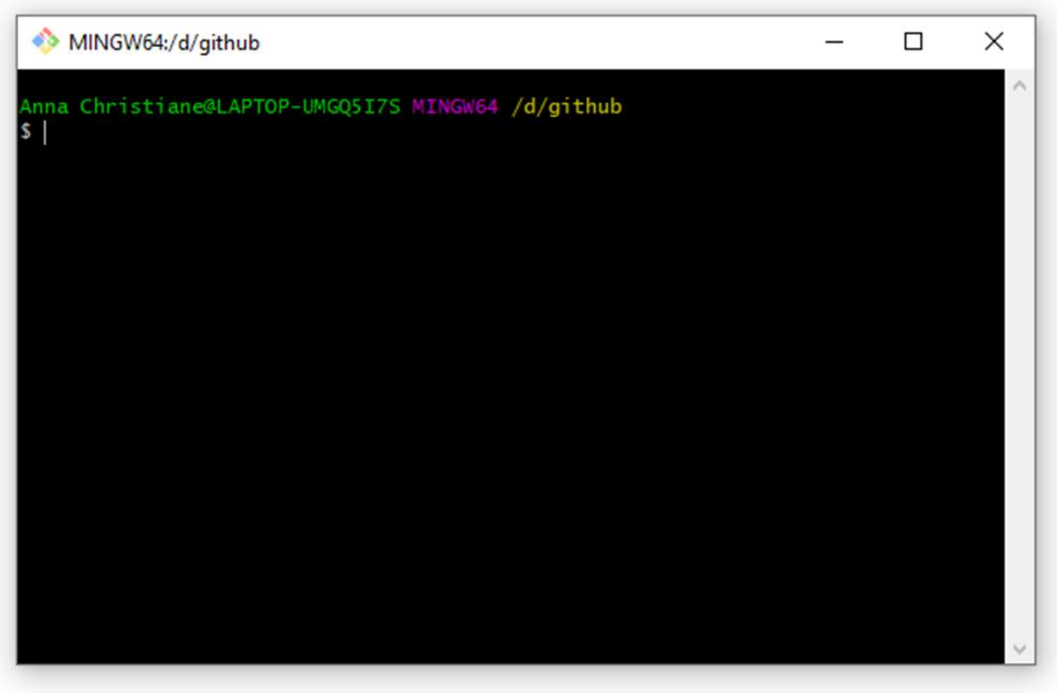
CREATE A NEW FOLDER “GIT” ON YOUR PC



Click on “Git Bash Here”

CREATE A NEW FOLDER “GIT” ON YOUR PC

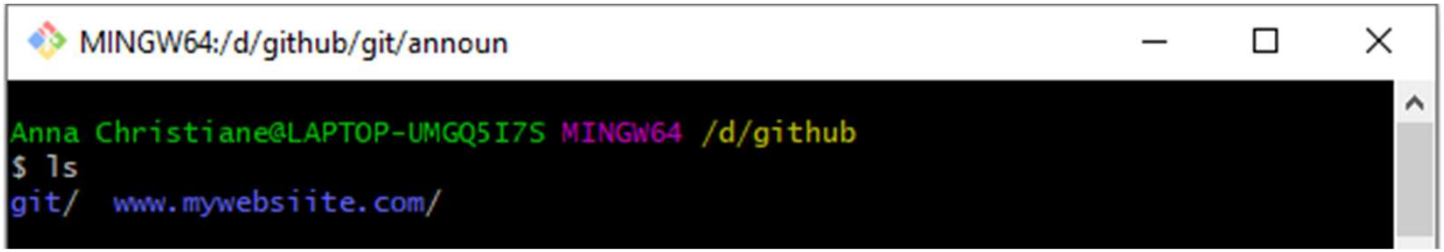
It will appear the Command Prompt below:



SOME COMMANDS

Execute the command below to check if you are in the right reparatory:

$ ls



Execute the command below to enter to “git” folder:

$ cd git/

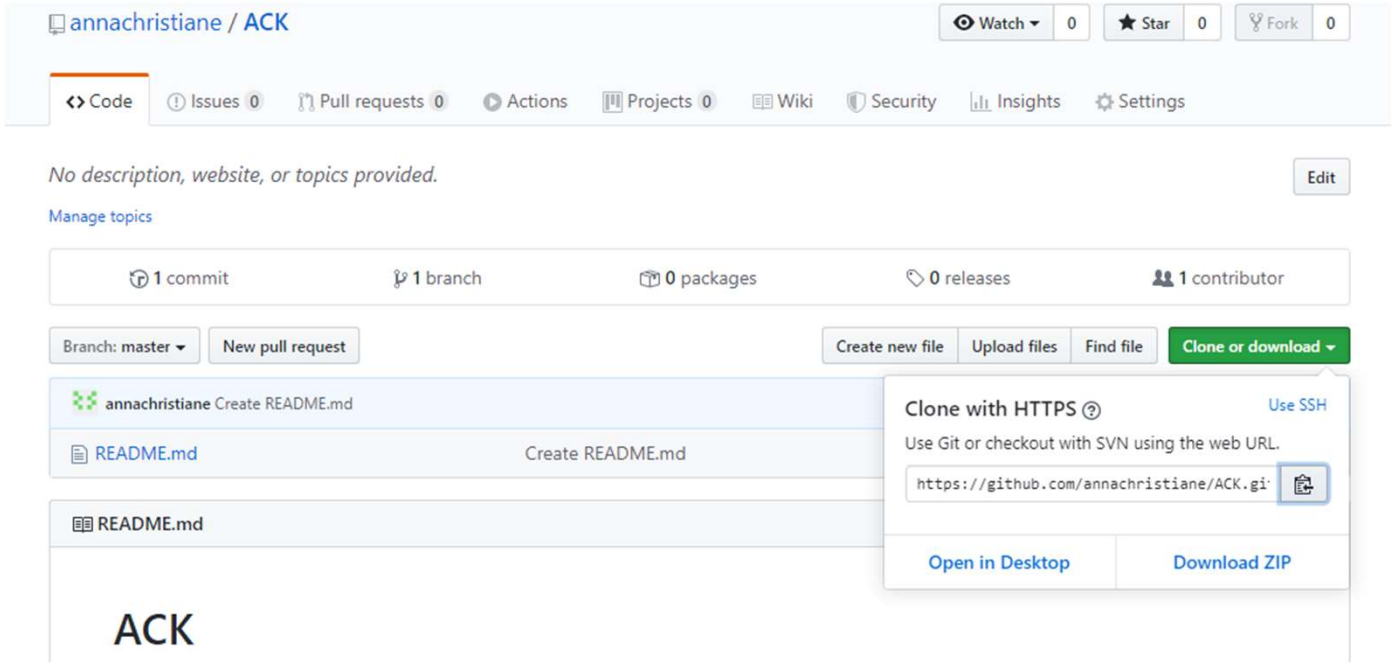
CONFIGURE YOUR EMAIL AND USERNAME

Execute the commands below putting your username and email of github account:

```
$ git config --global user.name "annachristiane"

$ git config --global user.email kolandjianannachristina@gmail.com
```

CLONE YOUR REPOSITORY

Go to github.com and click on the repository you want to clone and copy the link that you have:

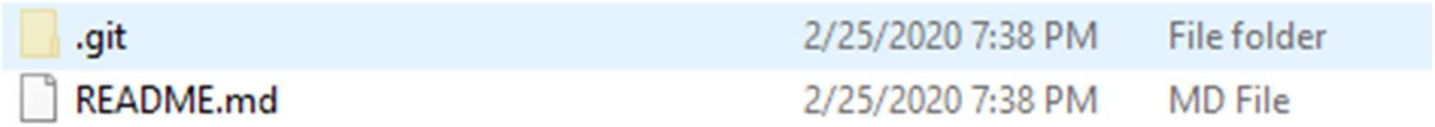


CLONE YOUR REPOSITORY

Execute on GIT the command below putting the link that you copied:

```
$ git clone https://github.com/annachristiane/ACK.git
```

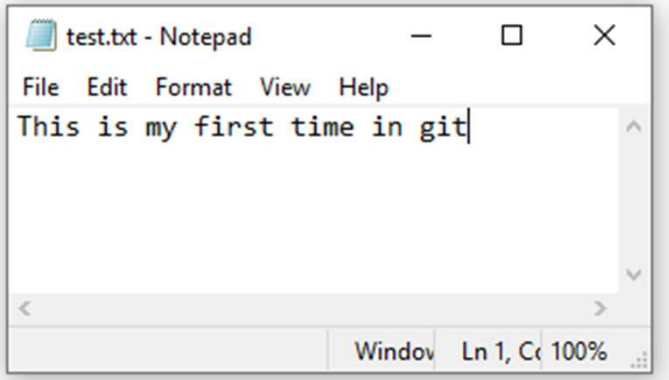
CONGRATS ! A new folder was created in your folder called “git”.
You can check by entering to your folder called “git” or by executing the command **$ls**



EXAMPLE OF CLONING

Enter to folder “git” and create a new text document called “test”:

Open it and write whatever you want and save



EXAMPLE OF CLONING

Execute the command below with the name of your repository:

```
$ cd ACK/
```

Execute also:

```
$ ls
```

You will obtain:

```
README.md  test.txt
```

To add this file execute:

```
$ git add test.txt
```

EXAMPLE OF CLONING

To check the status of your files:

```
$ git status
```

```
$ 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:   test.txt
```

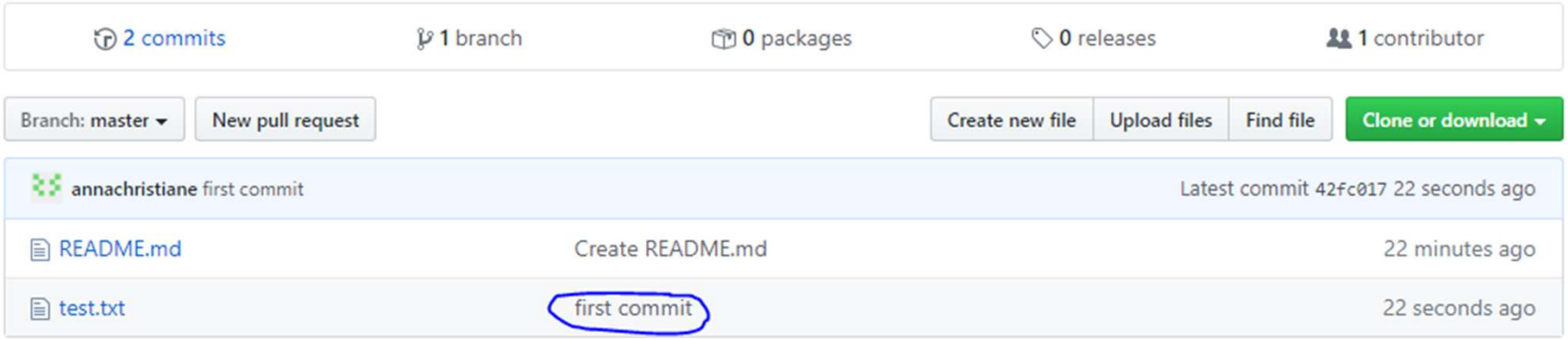
You find the status of test.txt that is a new file

EXAMPLE OF CLONING

To upload your files:

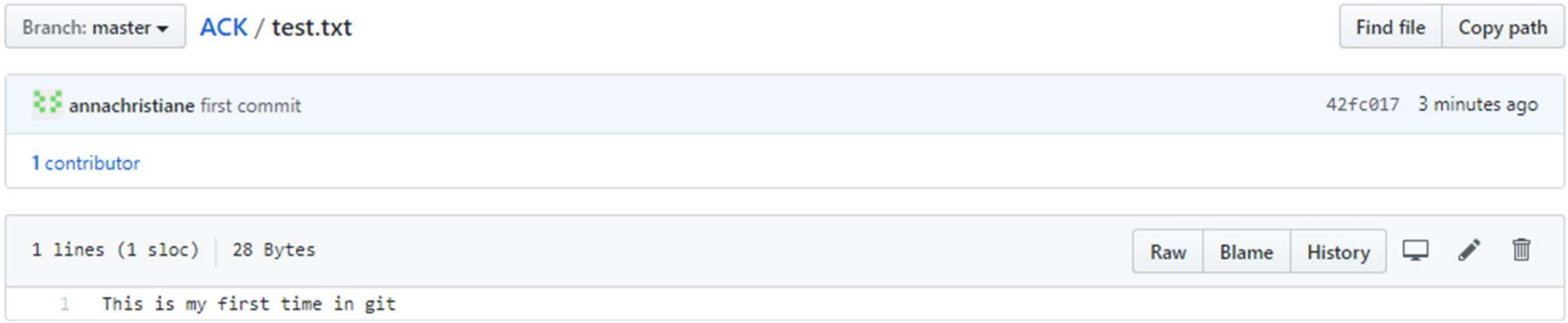
```
$ git commit -m "first commit" test.txt

$ git push -u origin master
```

Refresh your github page, you will find the commit and the test.txt file:



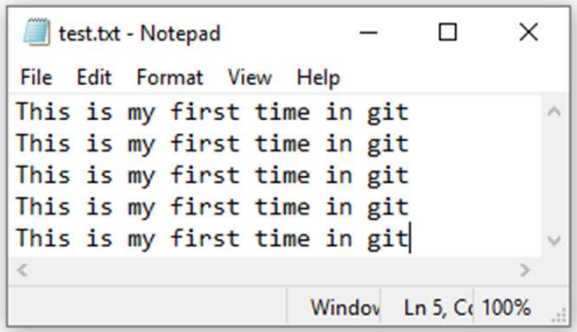
EXAMPLE OF CLONING

You can even open and check your test.txt



BONUS: WHAT IF YOU EDIT YOUR DOCUMENT TEST.TXT ON YOUR PC ?

Edit your test.txt and save it:



Execute again **`$ git status`** your test status is now modified !

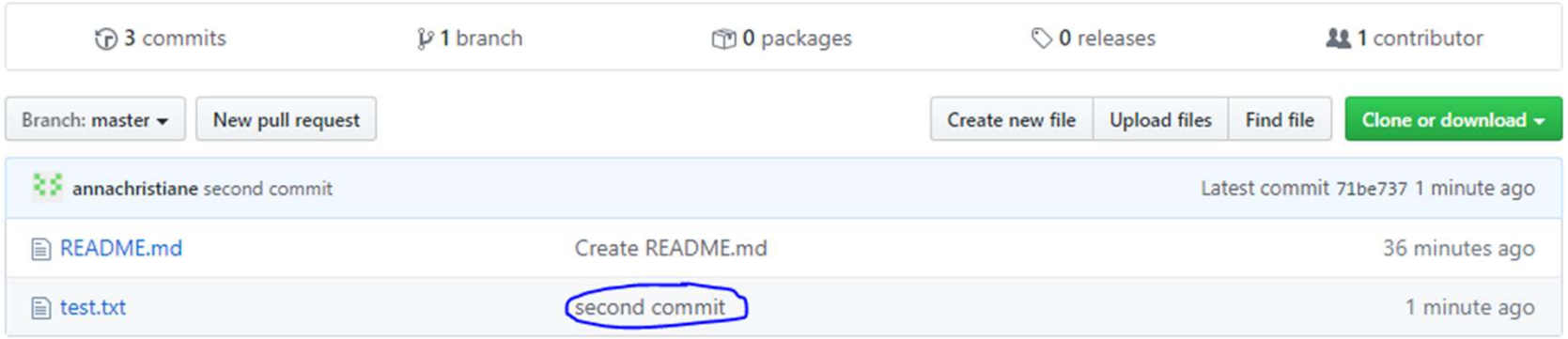
```
$ git status
On branch master
Your branch is up to date with 'origin/master'.

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:   test.txt

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

BONUS: WHAT IF YOU EDIT YOUR DOCUMENT TEST.TXT ON YOUR PC ?

Execute again:

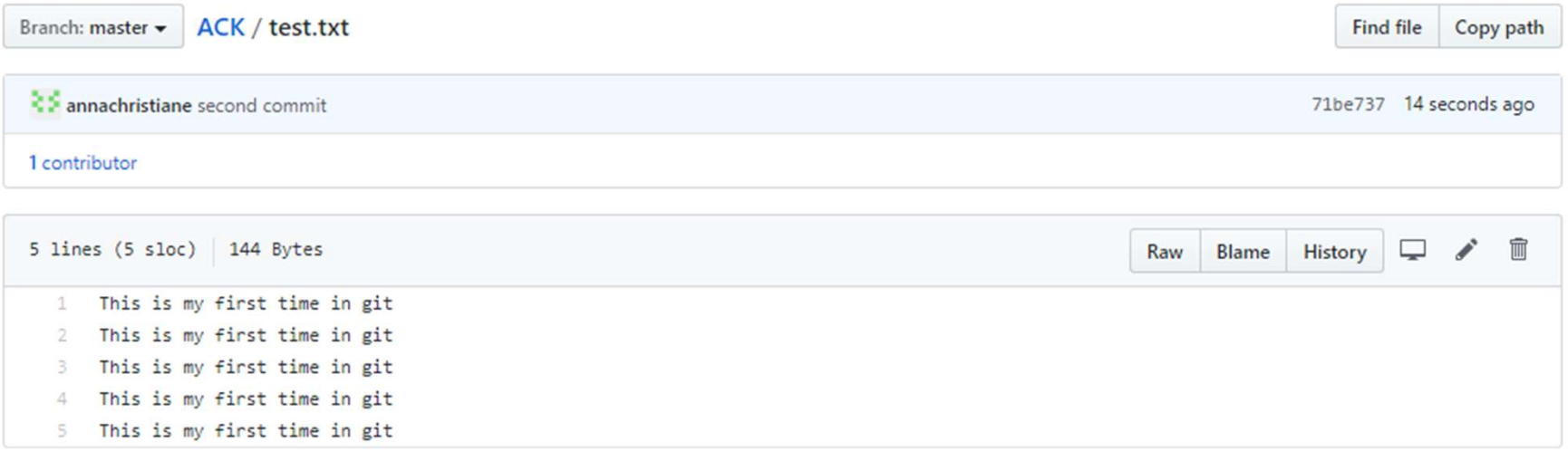
```
$ git commit -m “second commit" test.txt
$ git push -u origin master
```

Refresh your github page again:



BONUS: WHAT IF YOU EDIT YOUR DOCUMENT TEST.TXT ON YOUR PC ?

Finally check your test.txt:



THANK YOU !