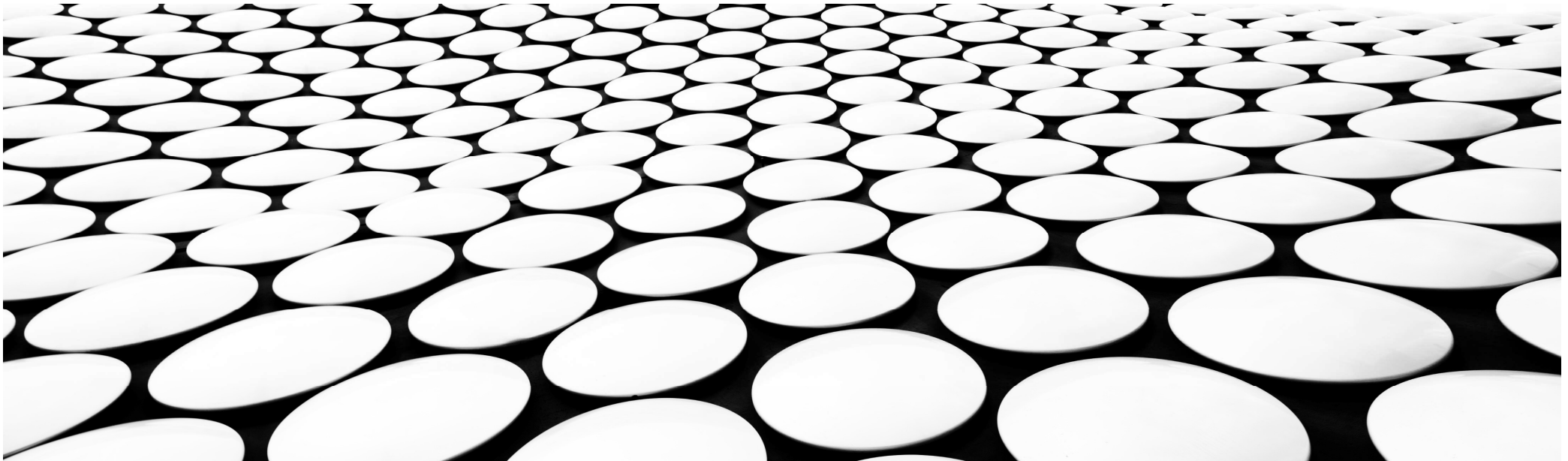




# GET STARTED WITH GIT AND GITHUB

ANNA CHRISTINA KOLANDJIAN





## DOWNLOAD GIT

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

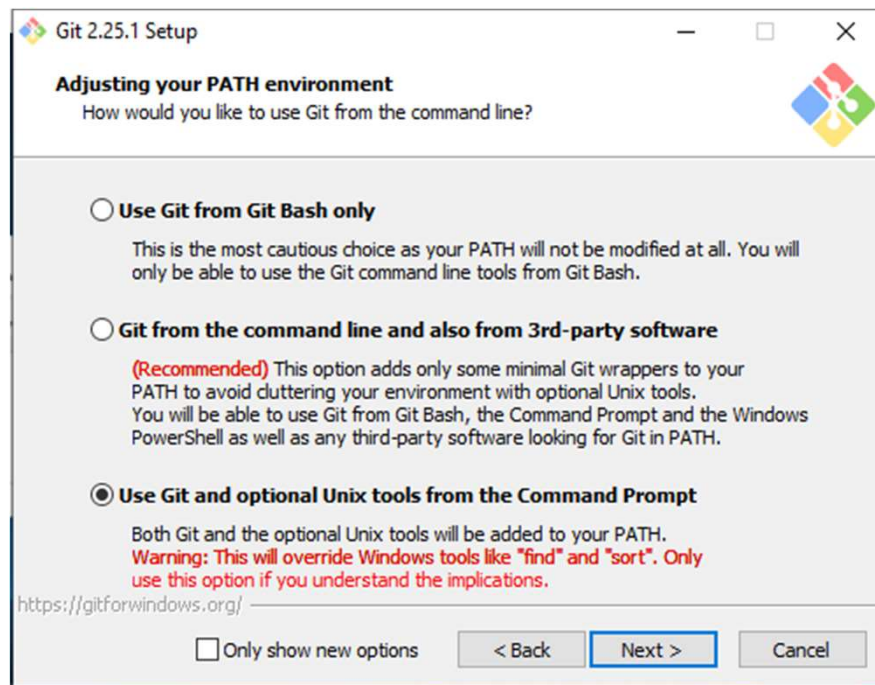
<https://www.git-scm.com/downloads>

**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

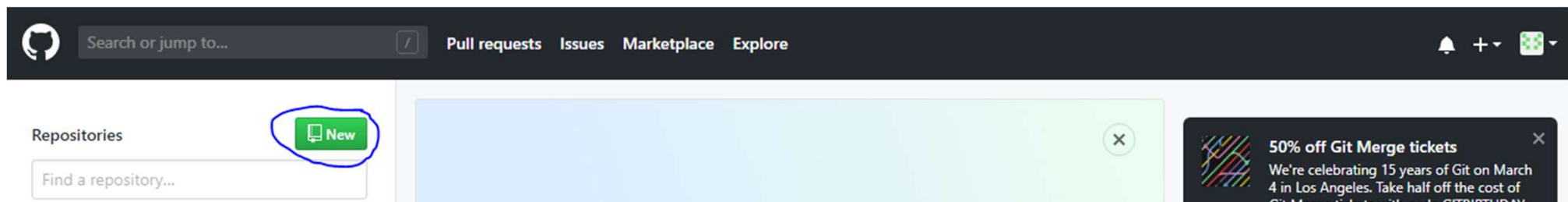
Click the link below:

<https://github.com/>

Create a new account and verify your email.

## 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

## Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere?

[Import a repository.](#)

Owner

Repository name \*

 annachristiane /

Great repository names are short and memorable. Need inspiration? How about [animated-dollop](#)?

Description (optional)

☒ Public

Anyone can see this repository. You choose who can commit.

☐ Private

You choose who can see and commit to this repository.

Skip this step if you're importing an existing repository.

☒ Initialize this repository with a README

This will let you immediately clone the repository to your computer.

Add .gitignore: **None** ▼

Add a license: **None** ▼



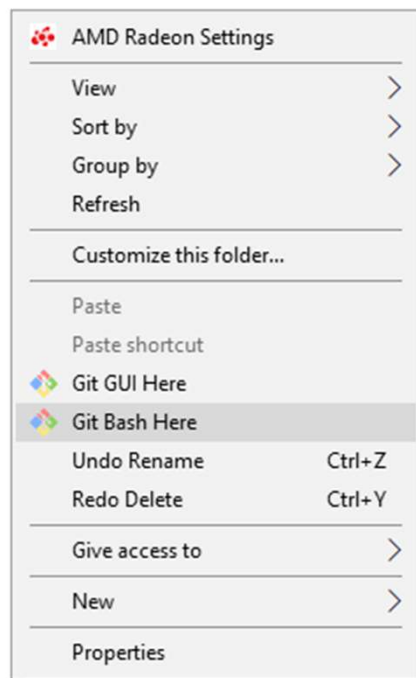
Put a new repository name  
(I will put mine **ACK**)

Keep your repository Public

Initialize this repository with a README

## CREATE A NEW FOLDER “GIT” ON YOUR PC

 git	2/25/2020 3:42 PM	File folder
 www.mywebsiite.com	2/25/2020 3:36 PM	File folder

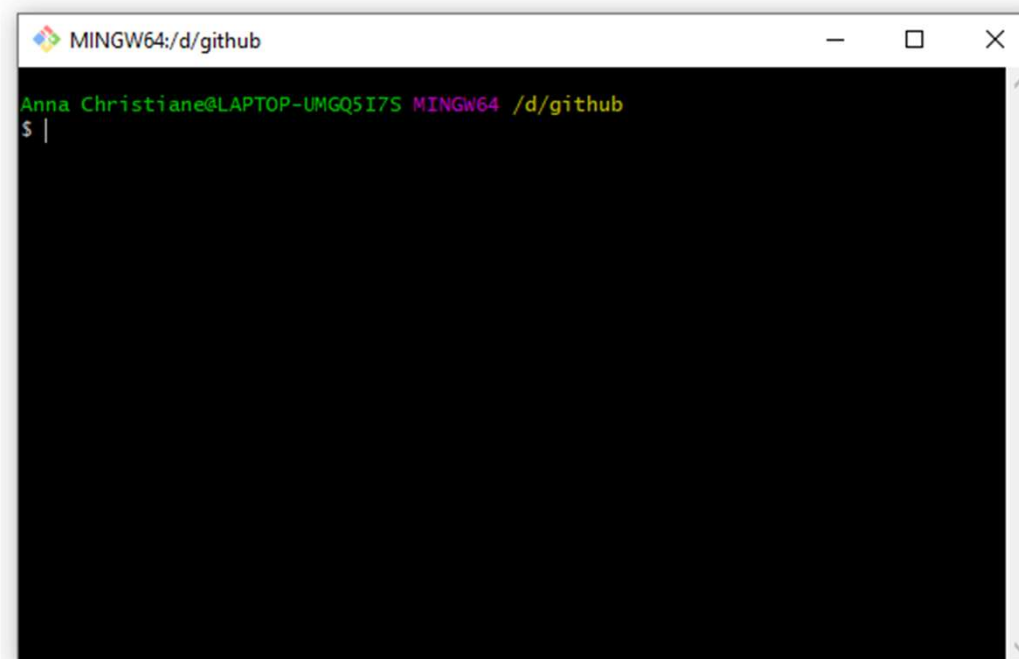


Click on “Git Bash Here”

---

## CREATE A NEW FOLDER “GIT” ON YOUR PC

It will appear the Command Prompt below:



```
MINGW64:/d/github
Anna Christiane@LAPTOP-UMGQ5I7S MINGW64 /d/github
$ |
```



## SOME COMMANDS

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

\$ ls

A screenshot of a Windows command prompt window. The title bar shows 'MINGW64:/d/github/git/announ'. The window has standard minimize, maximize, and close buttons. The command prompt shows the user 'Anna Christiane@LAPTOP-UMGQ5I7S' in a green prompt, followed by the command 'ls' in white. The output shows 'git/' in blue and 'www.mywebsite.com/' in blue. A vertical scrollbar is visible on the right side of the command prompt window.

```
MINGW64:/d/github/git/announ
Anna Christiane@LAPTOP-UMGQ5I7S MINGW64 /d/github
$ ls
git/  www.mywebsite.com/
```

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

\$ cd git/

---

## CONFIGURE YOUR EMAIL AND USERNAME

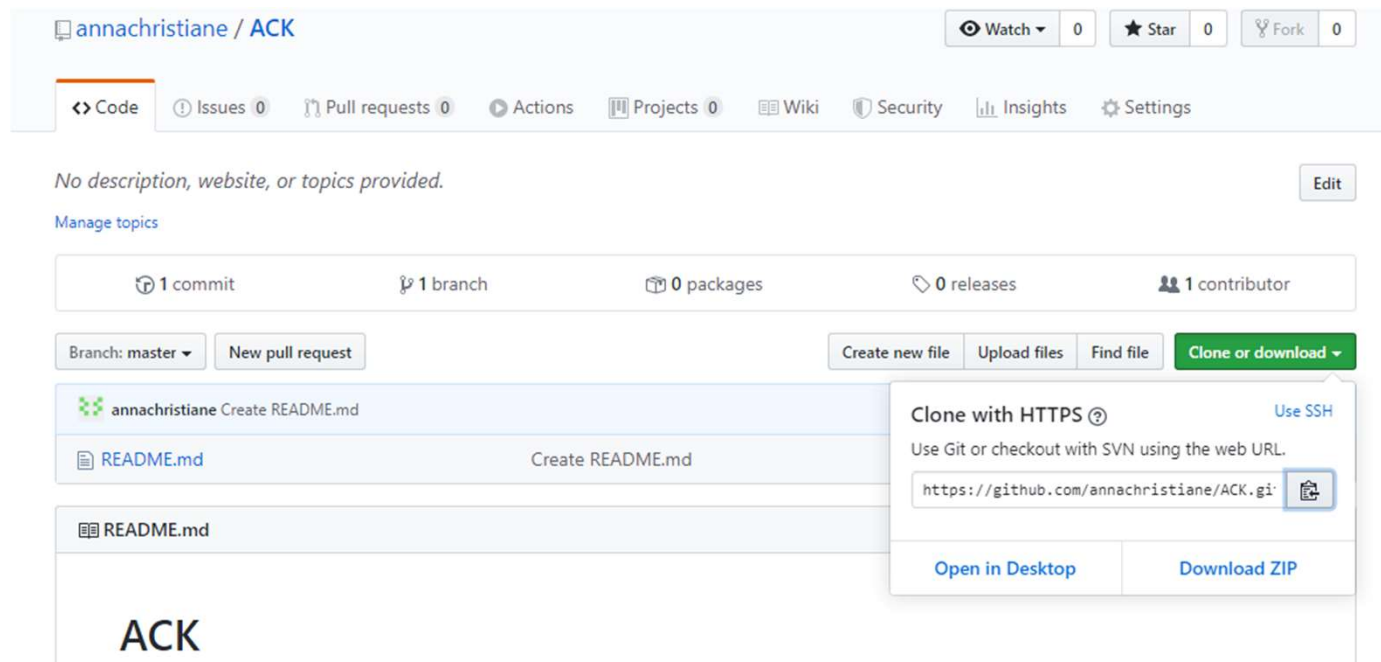
Execute the commands below putting your username and email of github account:

```
$ 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:



The screenshot shows the GitHub interface for a repository named 'annachristiane / ACK'. At the top, there are buttons for 'Watch', 'Star', and 'Fork', each with a count of 0. Below this is a navigation bar with links for 'Code', 'Issues', 'Pull requests', 'Actions', 'Projects', 'Wiki', 'Security', 'Insights', and 'Settings'. The 'Code' link is selected. The repository description states 'No description, website, or topics provided.' and includes a 'Manage topics' link. A summary bar shows '1 commit', '1 branch', '0 packages', '0 releases', and '1 contributor'. Below this, there are buttons for 'Branch: master', 'New pull request', 'Create new file', 'Upload files', 'Find file', and a green 'Clone or download' button. A dropdown menu is open from the 'Clone or download' button, showing options to 'Clone with HTTPS' (with a 'Use SSH' link), 'Use Git or checkout with SVN using the web URL.', and a text box containing the URL 'https://github.com/annachristiane/ACK.git' with a copy icon. At the bottom of the dropdown are buttons for 'Open in Desktop' and 'Download ZIP'. The repository content area shows a file named 'README.md' with a 'Create README.md' button, and the repository name 'ACK' is displayed at the bottom.



---

## 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`

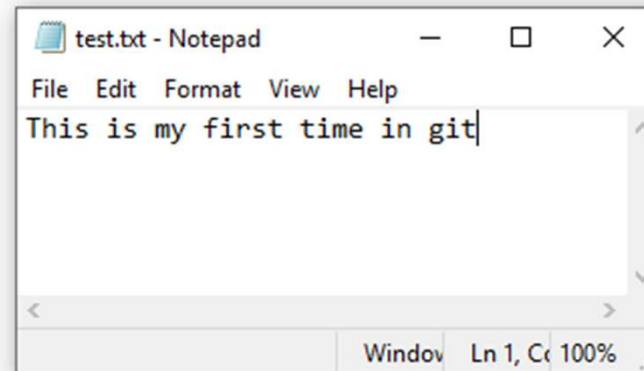
 .git	2/25/2020 7:38 PM	File folder
 README.md	2/25/2020 7:38 PM	MD File

## EXAMPLE OF CLONING

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

 .git	2/25/2020 7:38 PM	File folder
 README.md	2/25/2020 7:38 PM	MD File
 test.txt	2/25/2020 7:41 PM	Text Document

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

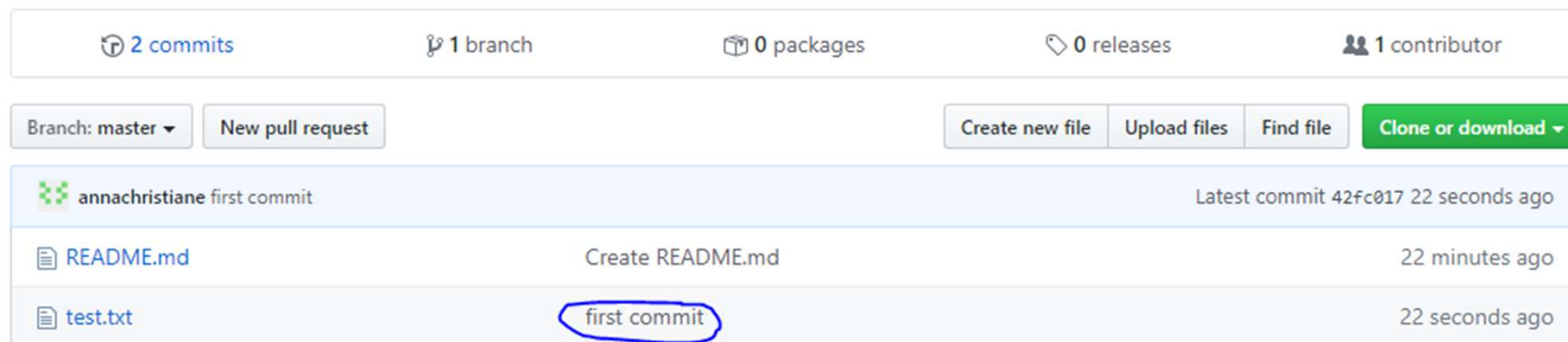
## EXAMPLE OF CLONING

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:



The screenshot shows a GitHub repository interface. At the top, there are statistics: 2 commits, 1 branch, 0 packages, 0 releases, and 1 contributor. Below this, there are buttons for 'Branch: master', 'New pull request', 'Create new file', 'Upload files', 'Find file', and a green 'Clone or download' button. The main content area shows a commit by 'annachristiane' with the message 'first commit'. Below the commit message, there is a table of file changes. The first row shows 'README.md' with the action 'Create README.md' and a timestamp of '22 minutes ago'. The second row shows 'test.txt' with the action 'first commit' (circled in blue) and a timestamp of '22 seconds ago'.


File	Commit Message	Time
README.md	Create README.md	22 minutes ago
test.txt	first commit	22 seconds ago






## EXAMPLE OF CLONING

You can even open and check your test.txt

Branch: master ▾ [ACK / test.txt](#) Find file Copy path

 **annachristiane** first commit 42fc017 3 minutes ago

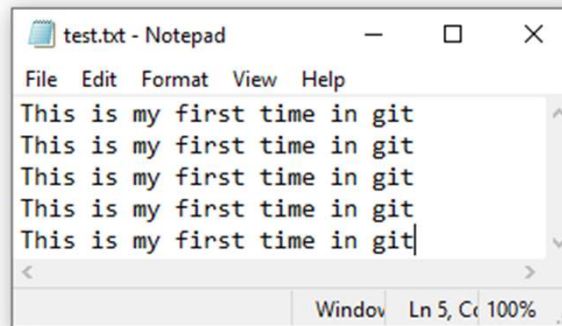
[1 contributor](#)

1 lines (1 sloc) | 28 Bytes Raw Blame History   

1 This is my first time in git

## 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:

3 commits   1 branch   0 packages   0 releases   1 contributor

Branch: master   New pull request   Create new file   Upload files   Find file   Clone or download

annachristiane	second commit	Latest commit 71be737 1 minute ago
README.md	Create README.md	36 minutes ago
test.txt	second commit	1 minute ago

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

Finally check your test.txt:

Branch: master ▾

ACK / test.txt

Find file

Copy path

 annachristiane second commit

71be737 14 seconds ago

1 contributor

5 lines (5 sloc) | 144 Bytes

RawBlameHistory



1 This is my first time in git

2 This is my first time in git

3 This is my first time in git

4 This is my first time in git

5 This is my first time in git



**THANK YOU !**