Institut Universitaire des sciences

- Faculté : Faculté des sciences et de technologie

- ✓ TD N°Y –Sytèmes

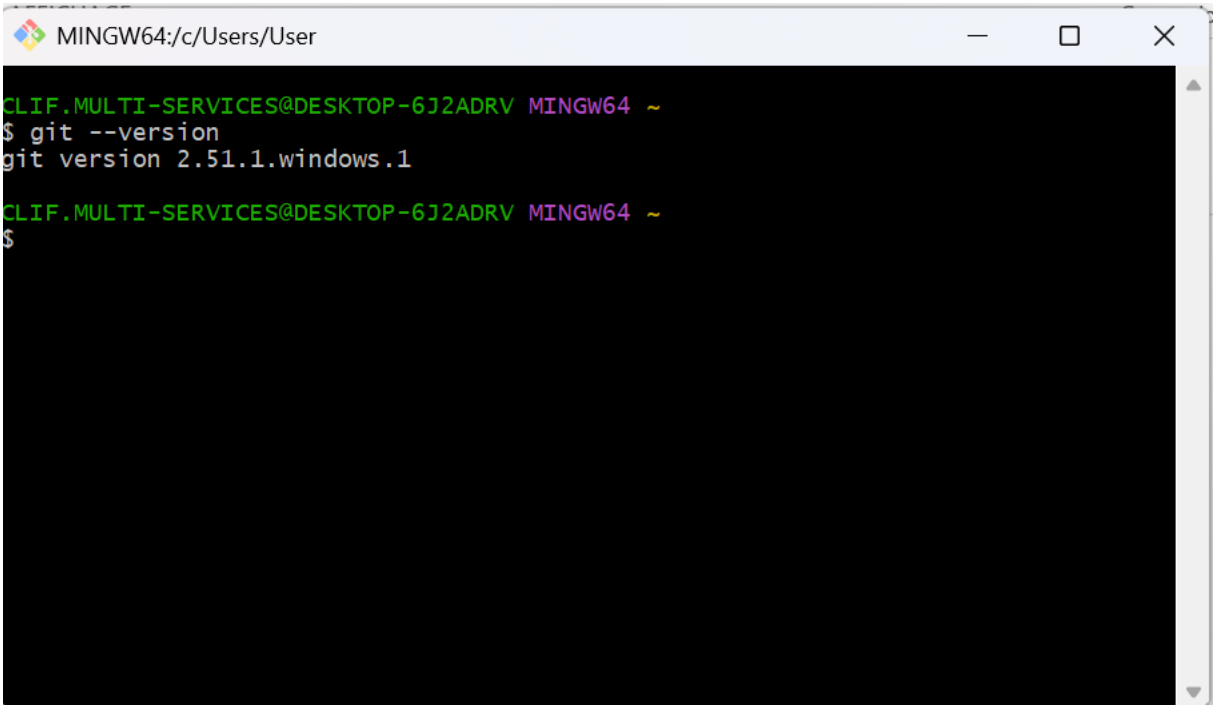
Nom & Prénom : COFFY Cliford

Niveau : L3

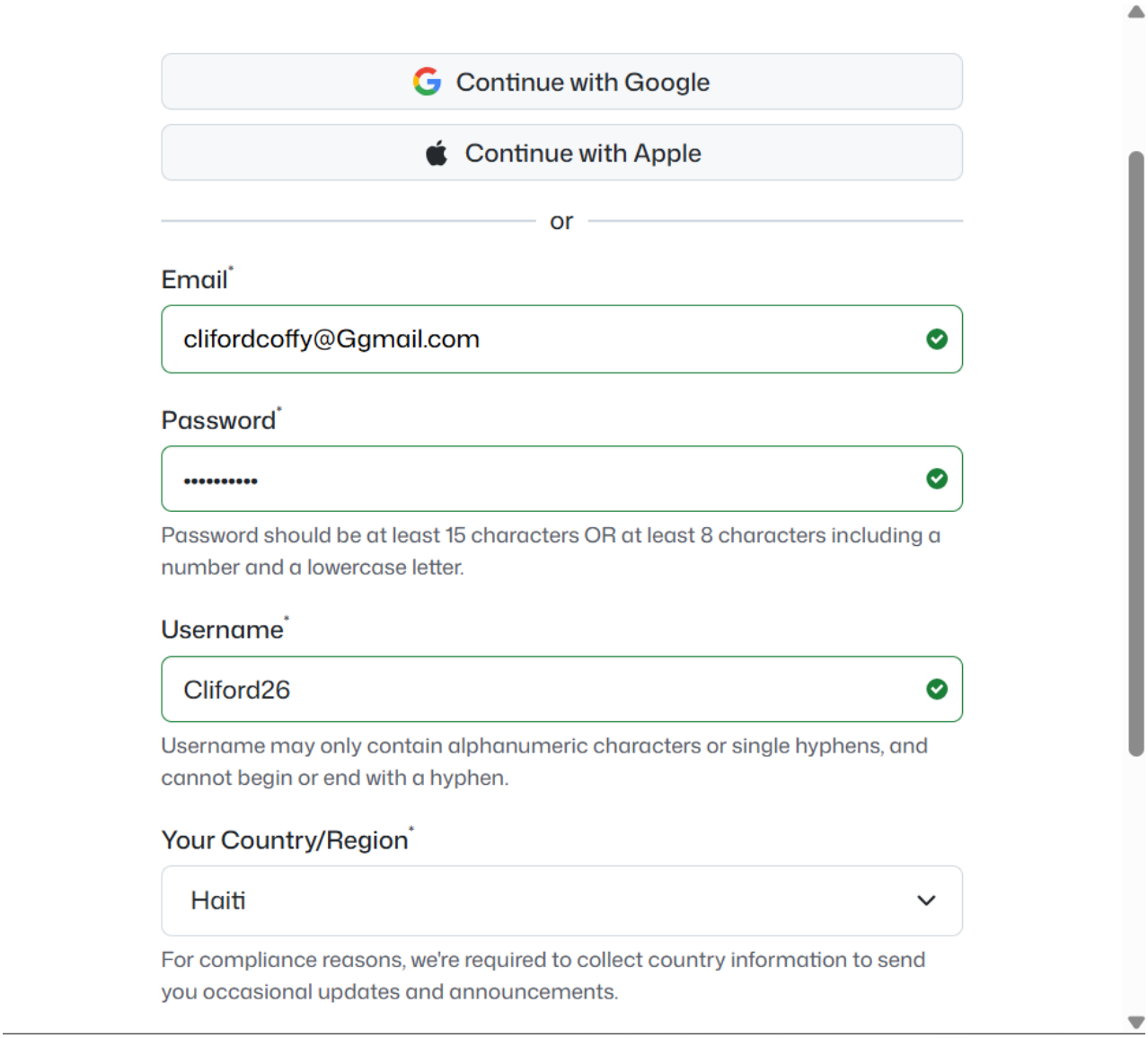
Date : 21/10/2025

Pour réaliser ce TD tout d'abord on doit télecharger Git ,après le télechargement on doit essayer si ça marche bien.

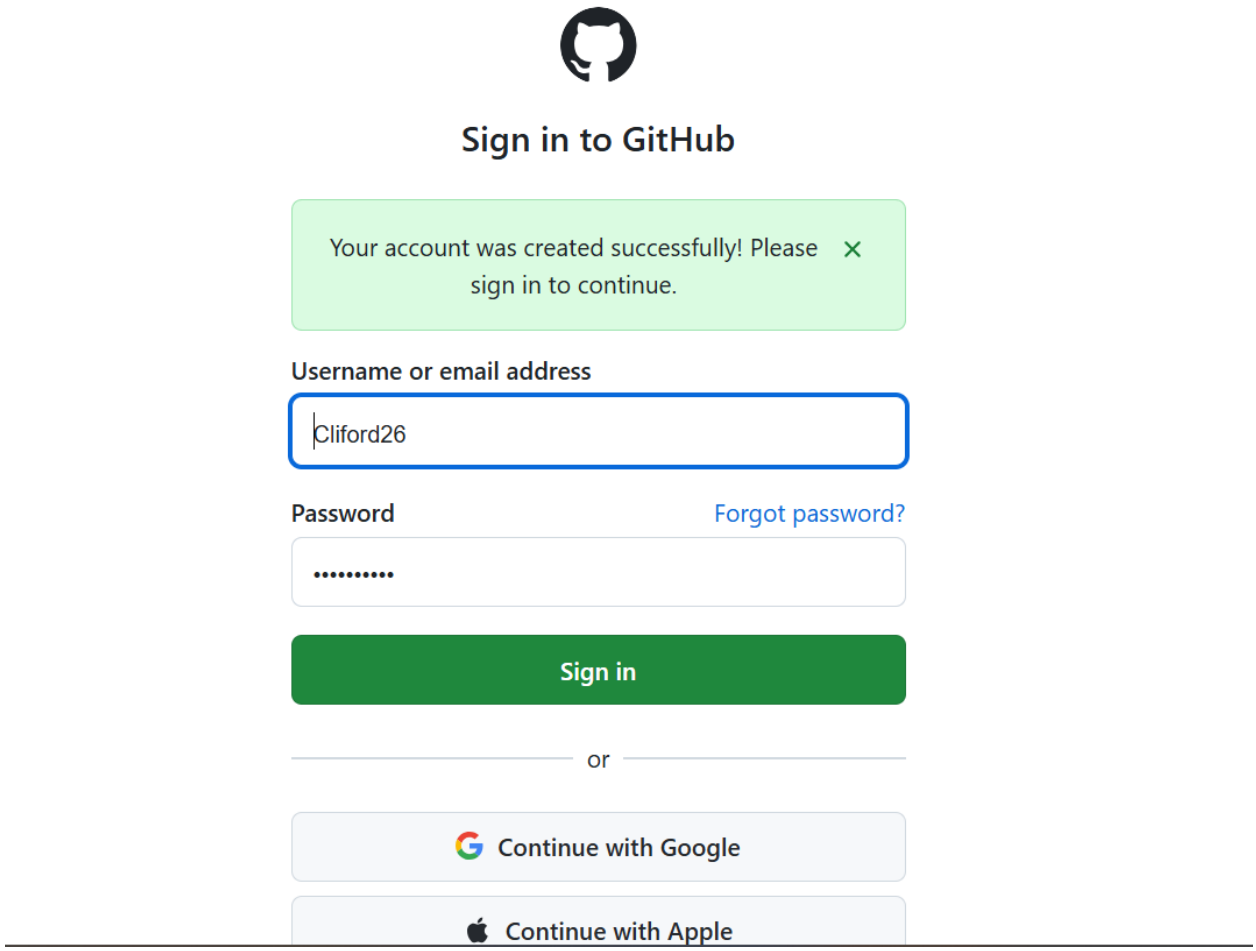
Puis on tape « git –version » puis Enter, ça devrait marcher comme l'exemple du professeur ,pareille comme j'ai fait la photo suivante,



Et après on doit créer un compte GitHub pour faire l'alliage à son projet par son email personnel et un mot de passe et un Username .

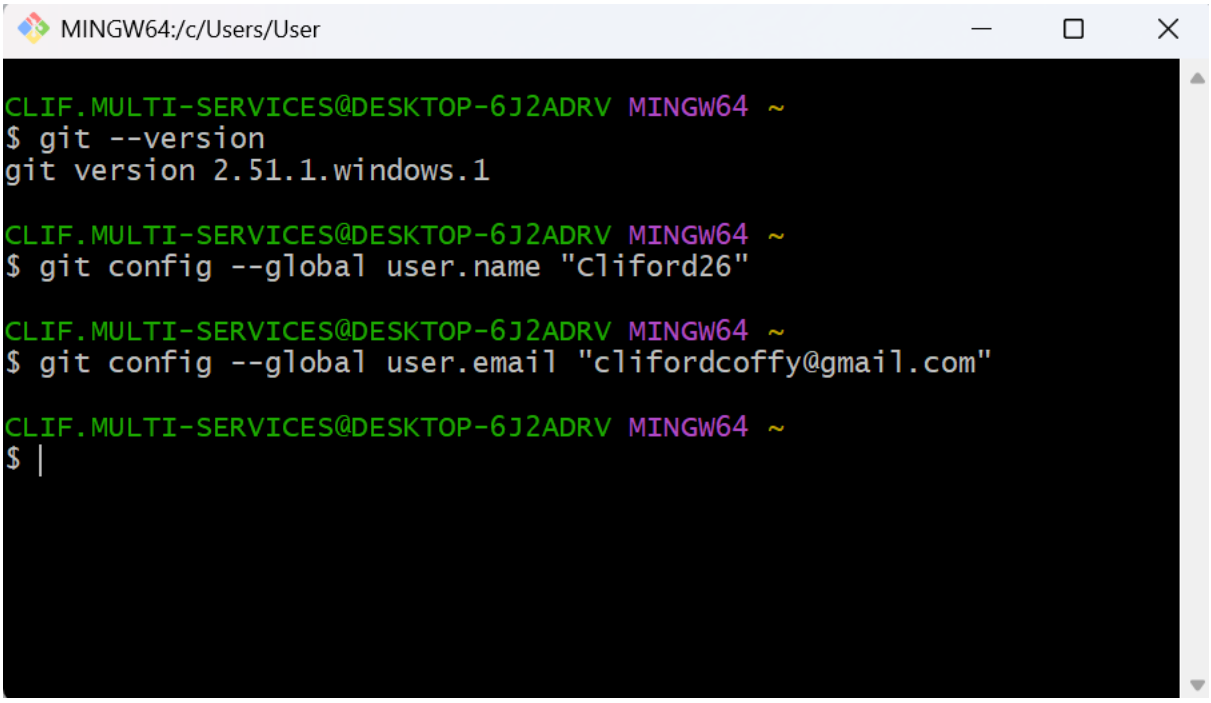


Puis on met le Username ou l'adresse email et le mot de passe pour y accéder au compte , puis on fait « sign in ».



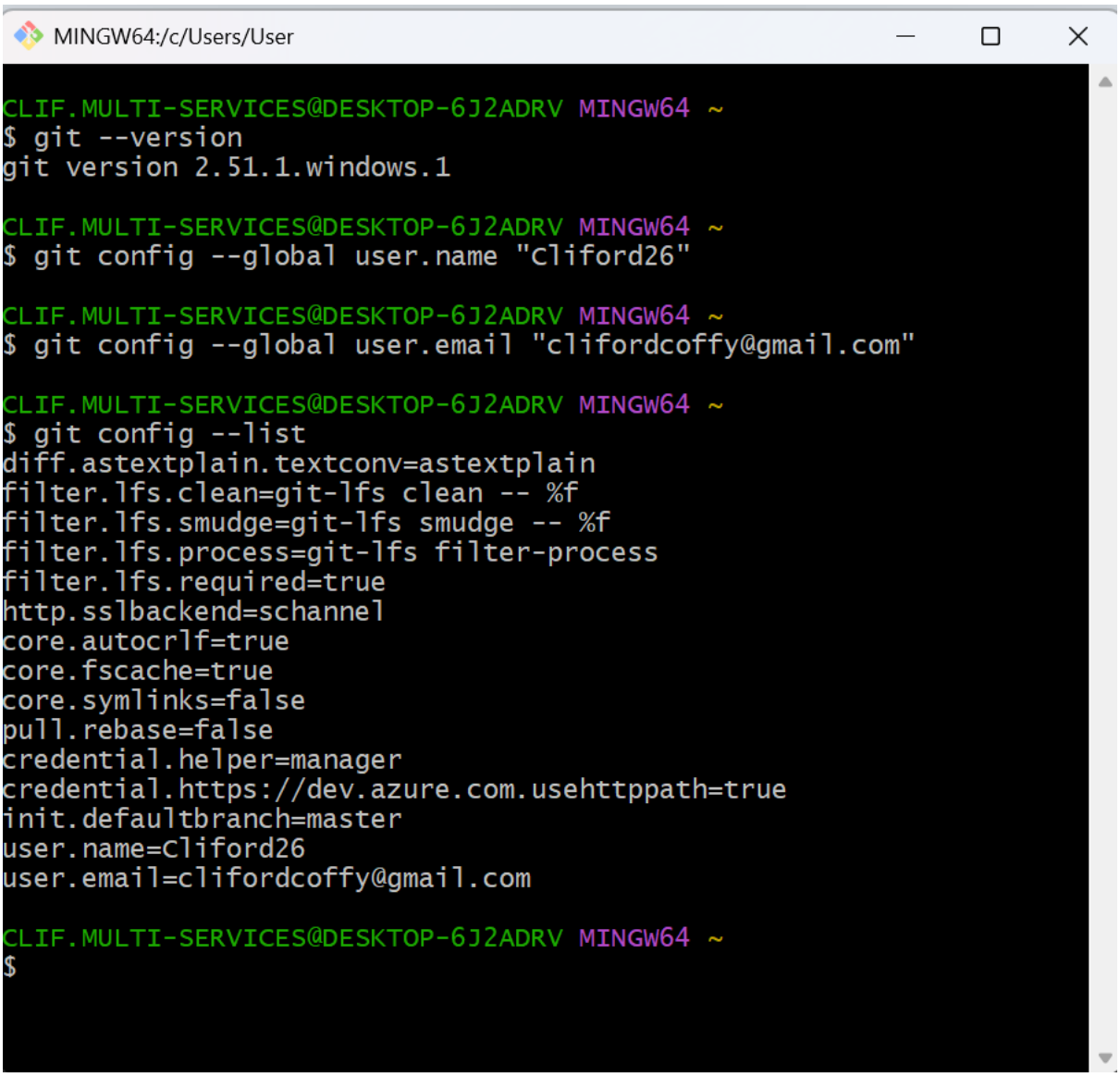
Et maintenant on doit configurer Git , de ce fait on tape « git config --global user.name "Cliford26" » , je met Cliford26 parcerque c'est mon Username (cela depend du nom que vous avez configurer) puis on fait presque pareil en m'etant « git config --global user.email clifordcoffy@gmail.com

NB : user.name , parqu'on va mettre un nom et user.email parcequ'on va mettre un email.

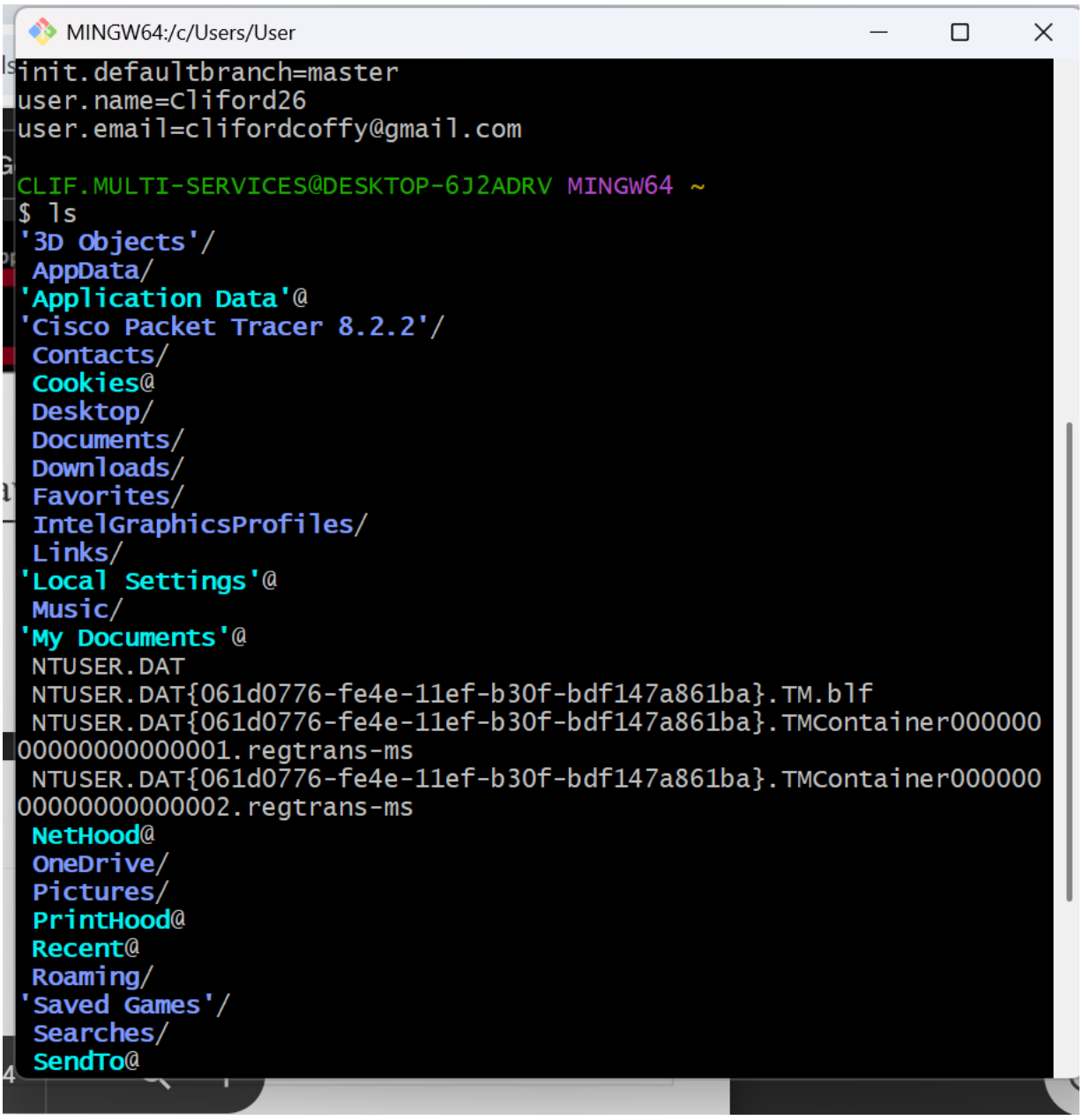


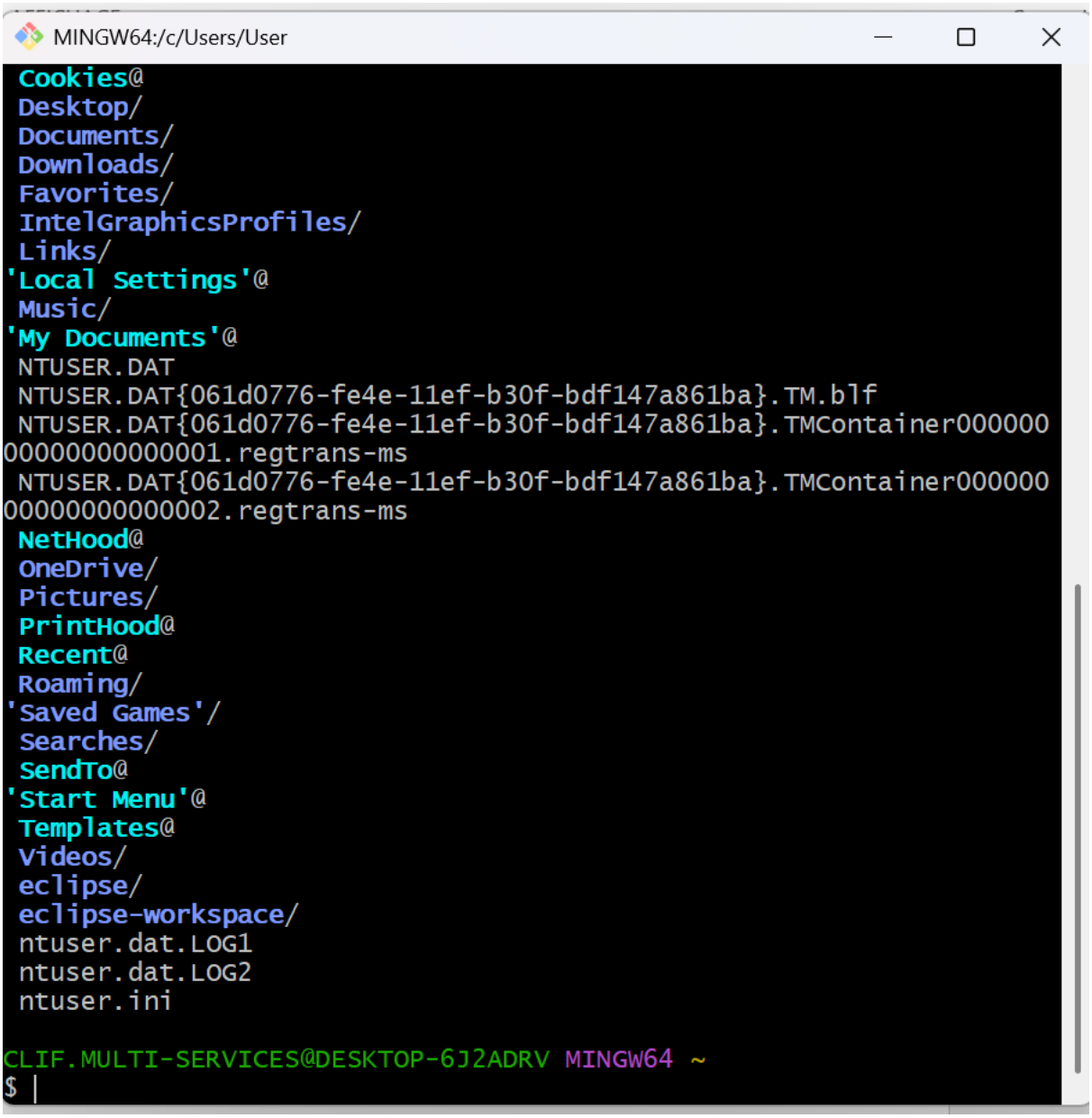
Puis on fait une configuration en tapant « git config –list » puis on fait Enter

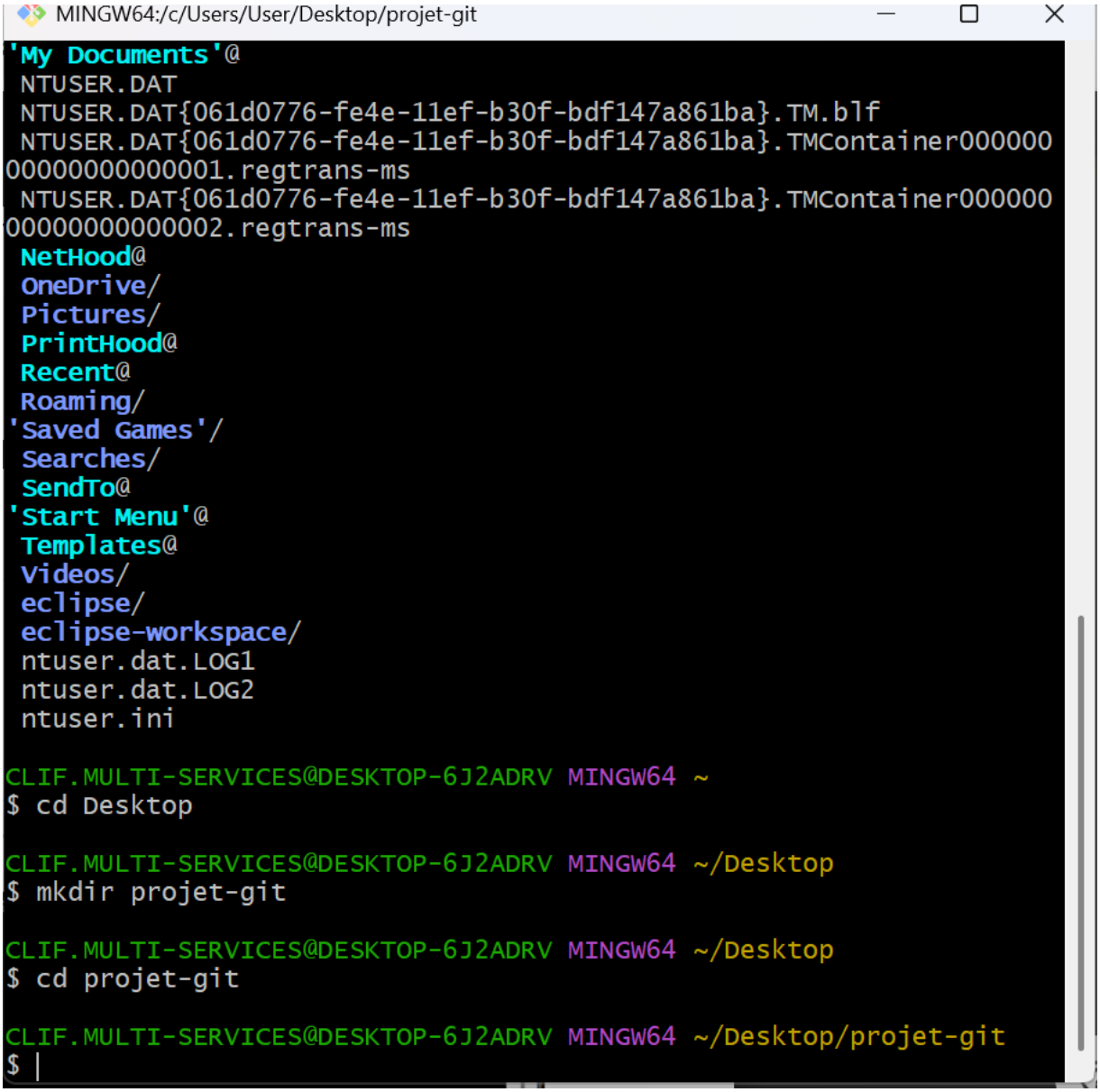
Et vous pouver voir que la configuration est faite donc mon user.name et mon user.email apparaient en bas



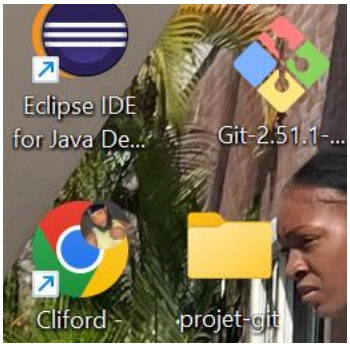
Ici on teste Git , pour le faire on taper « ls » Enter ; ça aide à lister les dossier ,exemple : README.md, « cd Desktop » Enter ; ça sert à changer vers le dossier du Bureau, « mkdir projet-git » ; ça aide créer un nouveau dossier nommé projet-git, et « cd projet-git » Enter ;ça aide à entrer dans le dossier nommé projet-git.



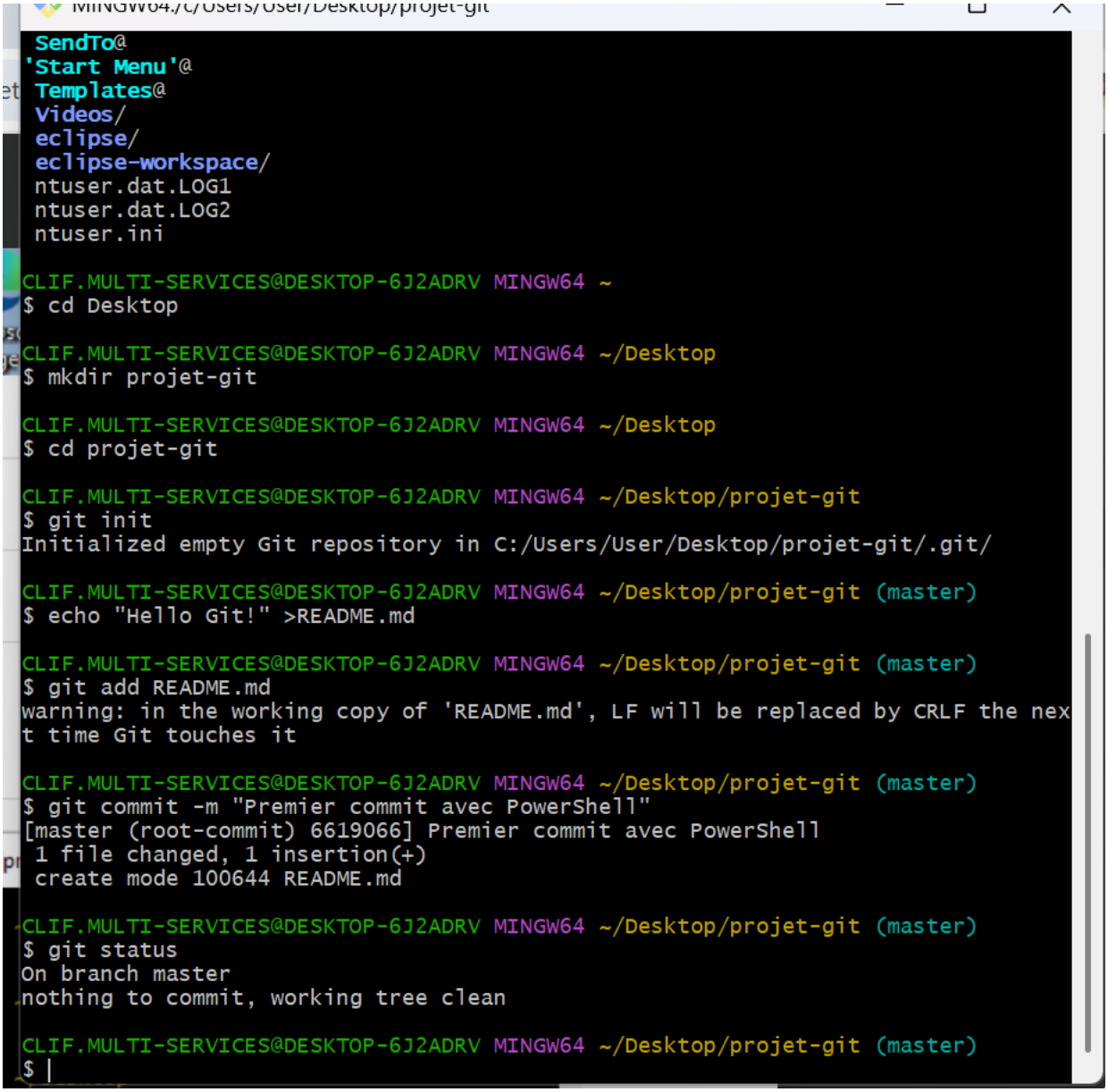

MINGW64:/c/Users/User
Cookies@
Desktop/
Documents/
Downloads/
Favorites/
IntelGraphicsProfiles/
Links/
'Local Settings'@
Music/
'My Documents'@
NTUSER.DAT
NTUSER.DAT{061d0776-fe4e-11ef-b30f-bdf147a861ba}.TM.blf
NTUSER.DAT{061d0776-fe4e-11ef-b30f-bdf147a861ba}.TMContainer00000000000000001.regtrans-ms
NTUSER.DAT{061d0776-fe4e-11ef-b30f-bdf147a861ba}.TMContainer00000000000000002.regtrans-ms
NetHood@
OneDrive/
Pictures/
PrintHood@
Recent@
Roaming/
'Saved Games'/
Searches/
SendTo@
'Start Menu'@
Templates@
Videos/
eclipse/
eclipse-workspace/
ntuser.dat.LOG1
ntuser.dat.LOG2
ntuser.ini
CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~
$

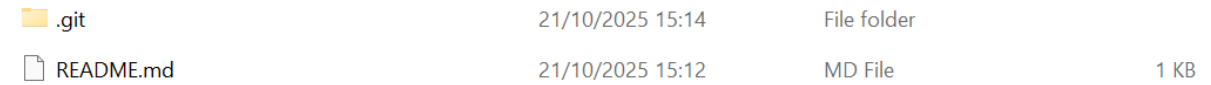

MINGW64:/c/Users/User/Desktop/projet-git
'My Documents'@
NTUSER.DAT
NTUSER.DAT{061d0776-fe4e-11ef-b30f-bdf147a861ba}.TM.blf
NTUSER.DAT{061d0776-fe4e-11ef-b30f-bdf147a861ba}.TMContainer00000000000000001.regtrans-ms
NTUSER.DAT{061d0776-fe4e-11ef-b30f-bdf147a861ba}.TMContainer00000000000000002.regtrans-ms
NetHood@
OneDrive/
Pictures/
PrintHood@
Recent@
Roaming/
'Saved Games'/
Searches/
SendTo@
'Start Menu'@
Templates@
Videos/
eclipse/
eclipse-workspace/
ntuser.dat.LOG1
ntuser.dat.LOG2
ntuser.ini
CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~
$ cd Desktop
CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop
$ mkdir projet-git
CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop
$ cd projet-git
CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop/projet-git
$

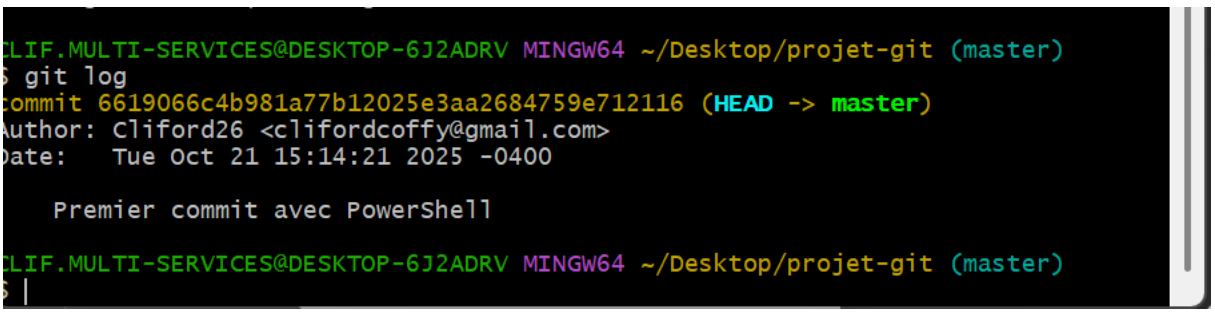
Ça apparait sur le bureau comme vous voyez dans la photo suivante.

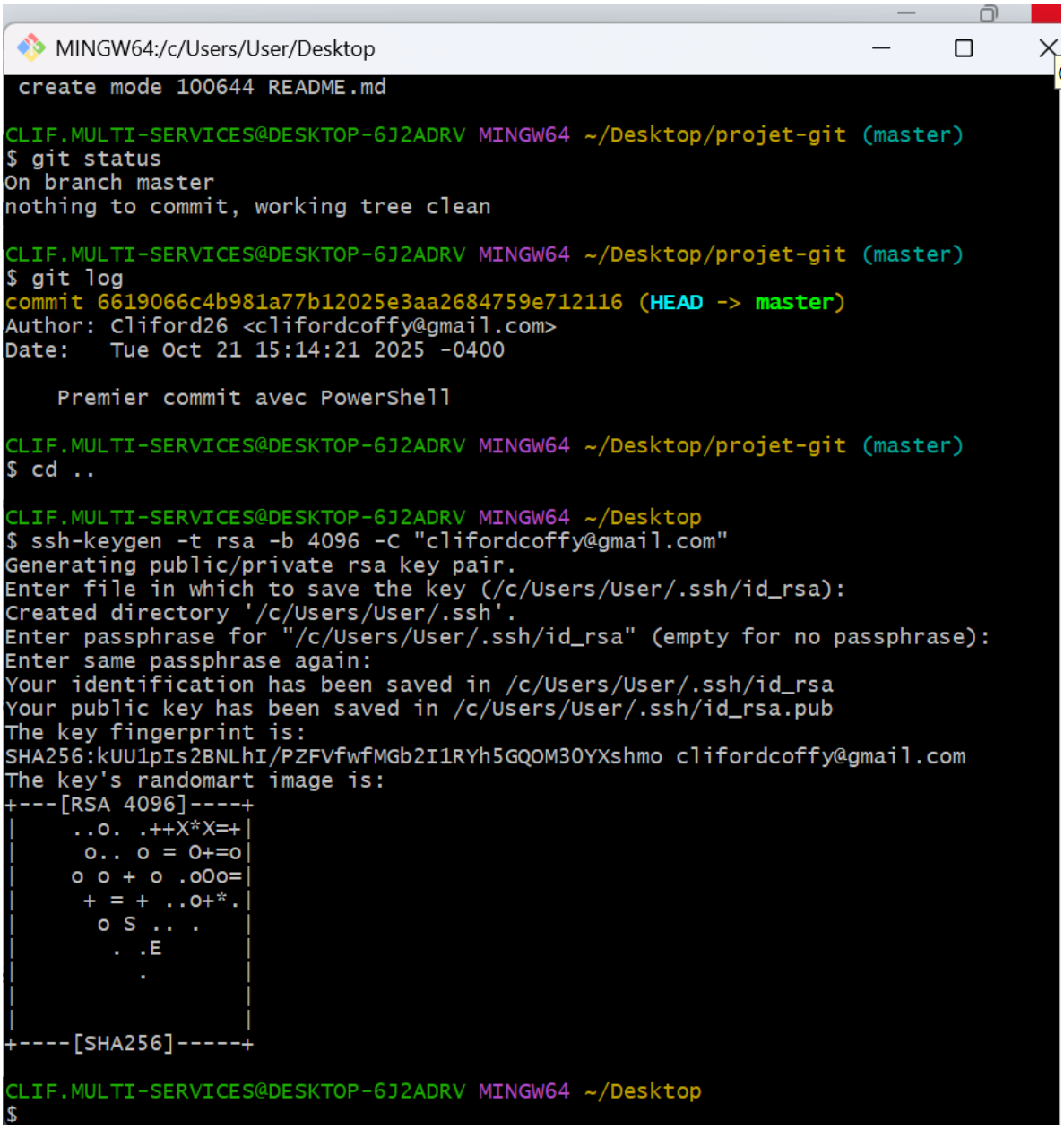


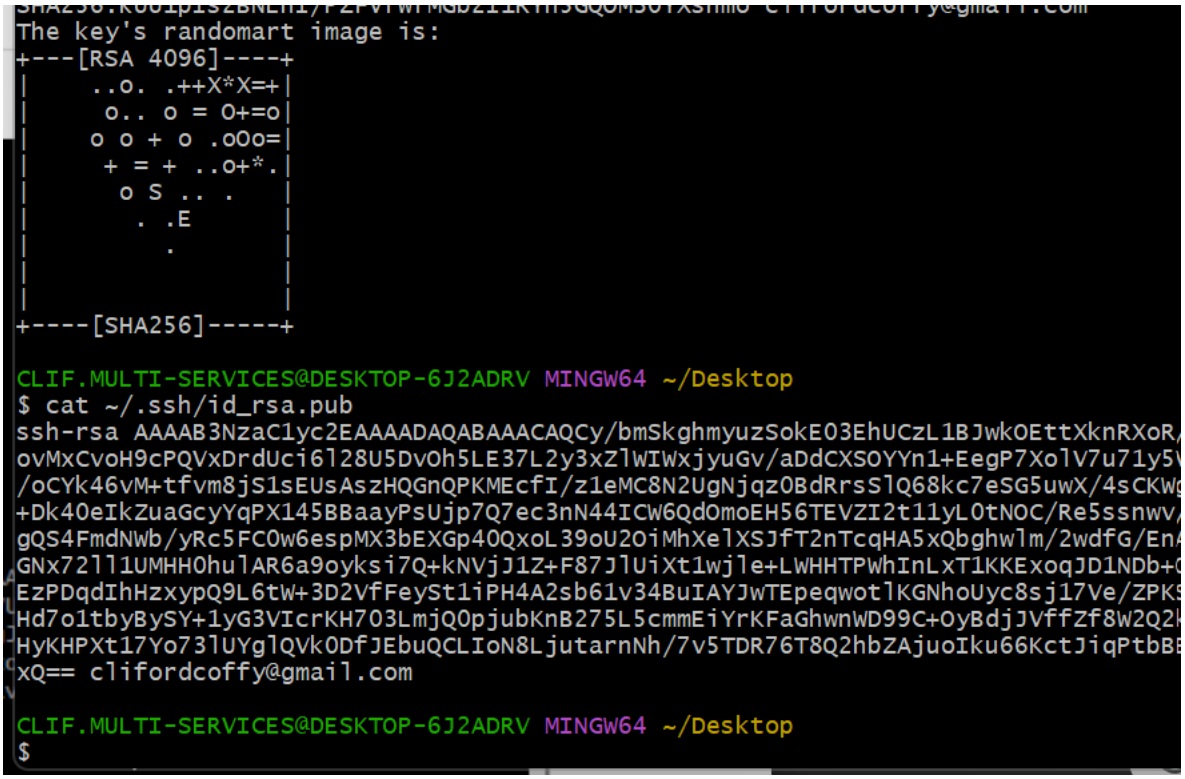

```
MINGW64:/c/Users/User/Desktop/projet-git
1.regtrans-ms
 NTUSER.DAT{061d0776-fe4e-11ef-b30f-bdf147a861ba}.TMContainer00000000000000000000
2.regtrans-ms
 NetHood@
 OneDrive/
 Pictures/
 PrintHood@
 Recent@
 Roaming/
'Saved Games'/
 Searches/
 SendTo@
'Start Menu'@
 Templates@
 Videos/
 eclipse/
 eclipse-workspace/
 ntuser.dat.LOG1
 ntuser.dat.LOG2
 ntuser.ini

CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~
$ cd Desktop

CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop
$ mkdir projet-git

CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop
$ cd projet-git

CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop/projet-git
$ git init
Initialized empty Git repository in C:/Users/User/Desktop/projet-git/.git/

CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop/projet-git (master)
$
```


MINGW64:/c/Users/User/Desktop/projet-git
SendTo@
'Start Menu'@
Templates@
Videos/
eclipse/
eclipse-workspace/
ntuser.dat.LOG1
ntuser.dat.LOG2
ntuser.ini
CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~
$ cd Desktop
CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop
$ mkdir projet-git
CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop
$ cd projet-git
CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop/projet-git
$ git init
Initialized empty Git repository in C:/Users/User/Desktop/projet-git/.git/
CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop/projet-git (master)
$ echo "Hello Git!" >README.md
CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop/projet-git (master)
$ git add README.md
warning: in the working copy of 'README.md', LF will be replaced by CRLF the nex
t time Git touches it
CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop/projet-git (master)
$ git commit -m "Premier commit avec PowerShell"
[master (root-commit) 6619066] Premier commit avec PowerShell
1 file changed, 1 insertion(+)
create mode 100644 README.md
CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop/projet-git (master)
$ git status
On branch master
nothing to commit, working tree clean
CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop/projet-git (master)
$

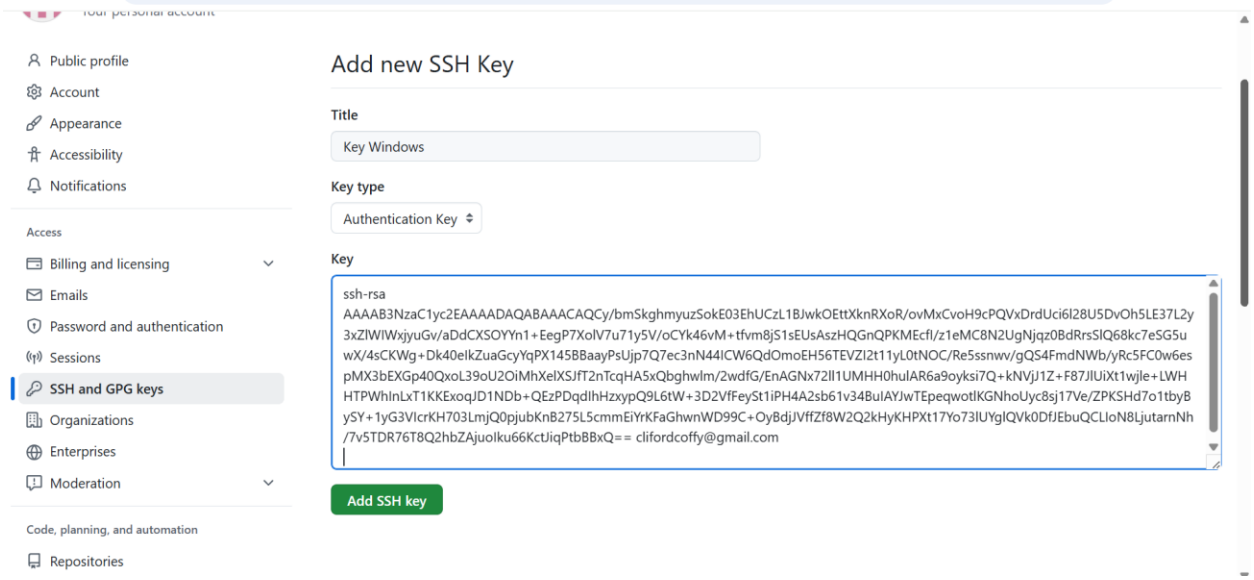

.git 21/10/2025 15:14 File folder
README.md 21/10/2025 15:12 MD File 1 KB

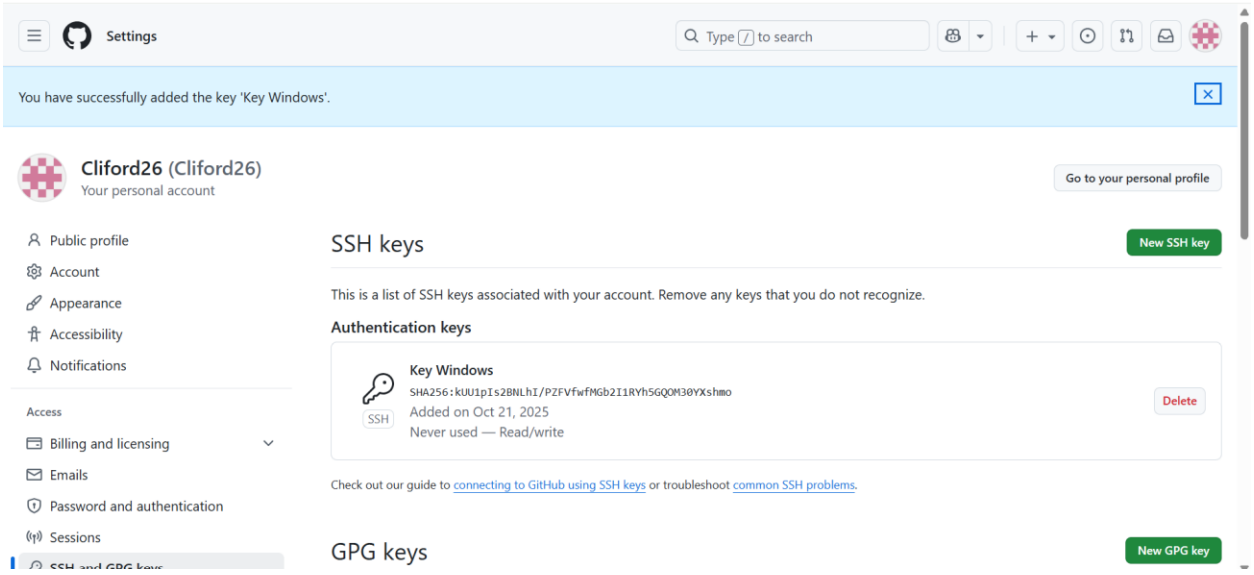

LIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop/projet-git (master)
git log
commit 6619066c4b981a77b12025e3aa2684759e712116 (HEAD -> master)
Author: Clifford26 <clifordcoffy@gmail.com>
Date: Tue Oct 21 15:14:21 2025 -0400
Premier commit avec PowerShell
LIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop/projet-git (master)


MINGW64:/c/Users/User/Desktop
create mode 100644 README.md
CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop/projet-git (master)
$ git status
On branch master
nothing to commit, working tree clean
CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop/projet-git (master)
$ git log
commit 6619066c4b981a77b12025e3aa2684759e712116 (HEAD -> master)
Author: Clifford26 <clifordcoffy@gmail.com>
Date: Tue Oct 21 15:14:21 2025 -0400
Premier commit avec PowerShell
CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop/projet-git (master)
$ cd ..
CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop
$ ssh-keygen -t rsa -b 4096 -C "clifordcoffy@gmail.com"
Generating public/private rsa key pair.
Enter file in which to save the key (/c/Users/User/.ssh/id_rsa):
Created directory '/c/Users/User/.ssh'.
Enter passphrase for "/c/Users/User/.ssh/id_rsa" (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /c/Users/User/.ssh/id_rsa
Your public key has been saved in /c/Users/User/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:kUU1pIs2BNLhI/PZFVfwfMGb2I1RYh5GQOM3OYXshmo clifordcoffy@gmail.com
The key's randomart image is:
+---[RSA 4096]----+
| ..o. .++X*X=+|
| o.. o = O+=o|
| o o + o .oOo=|
| + = + ..o+*.|
| o S .. . |
| . .E |
| . |
+----[SHA256]-----+
CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop
$

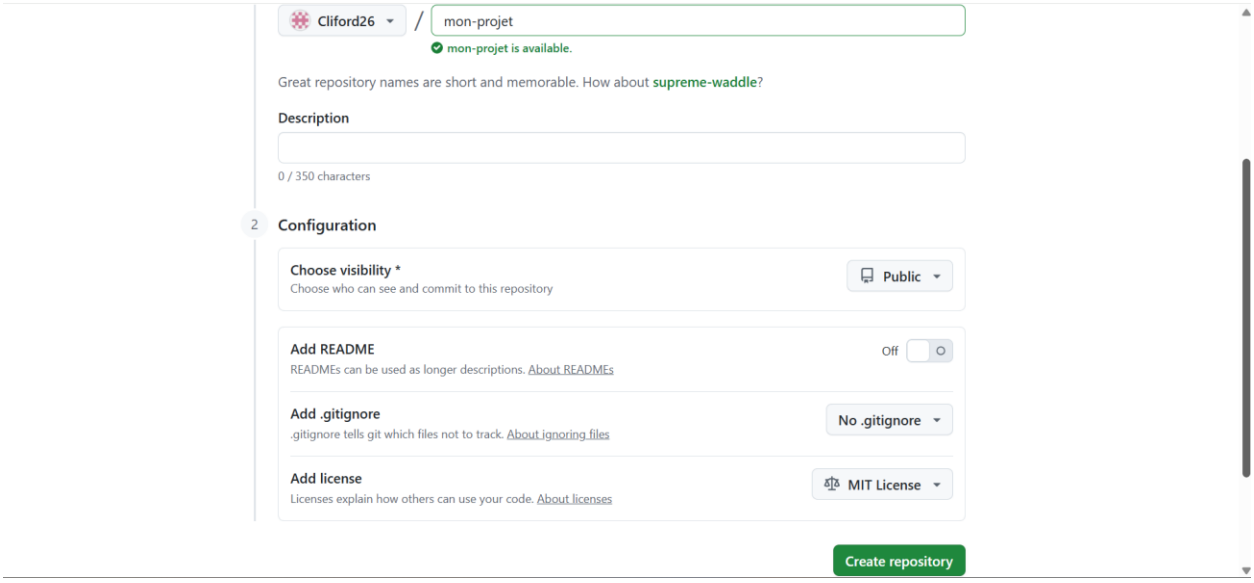


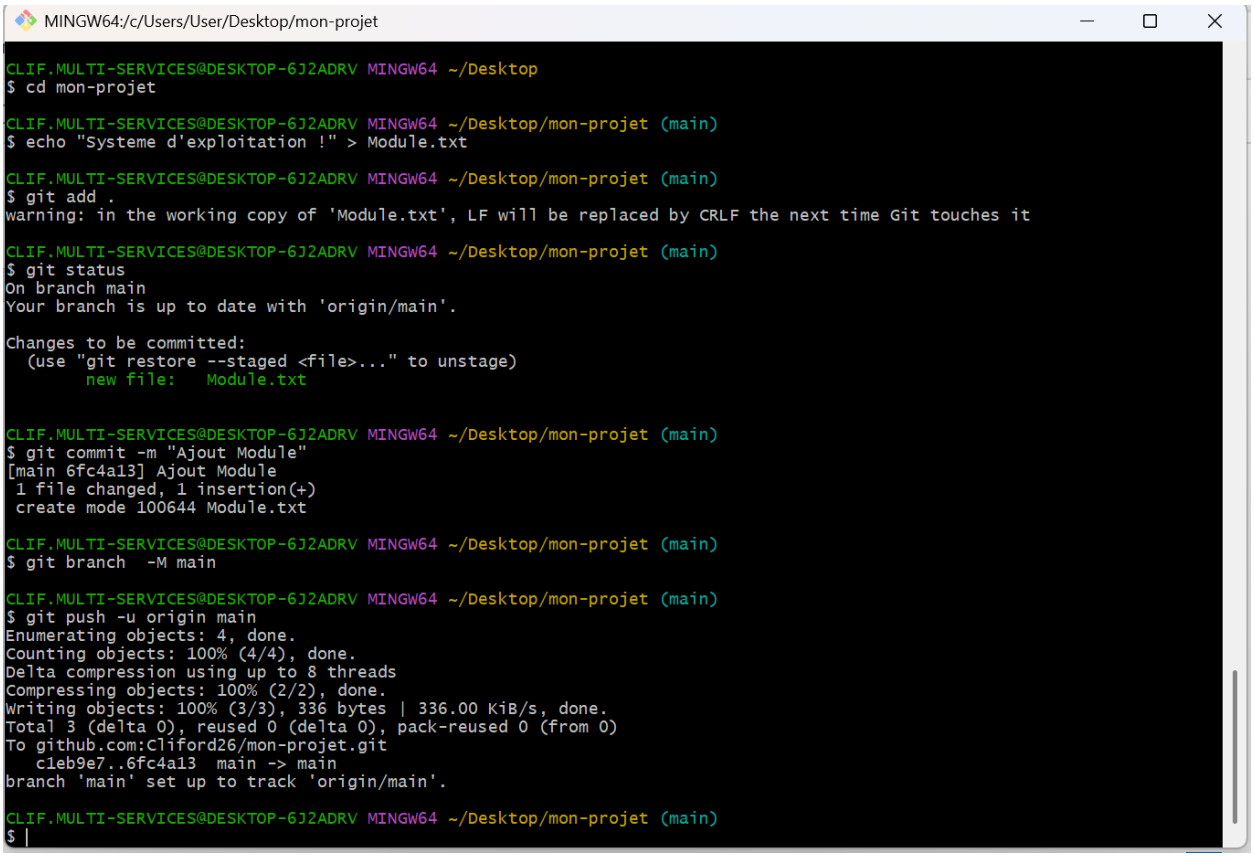
Ici on copie la clé affichée dans la terminal ci-déssus

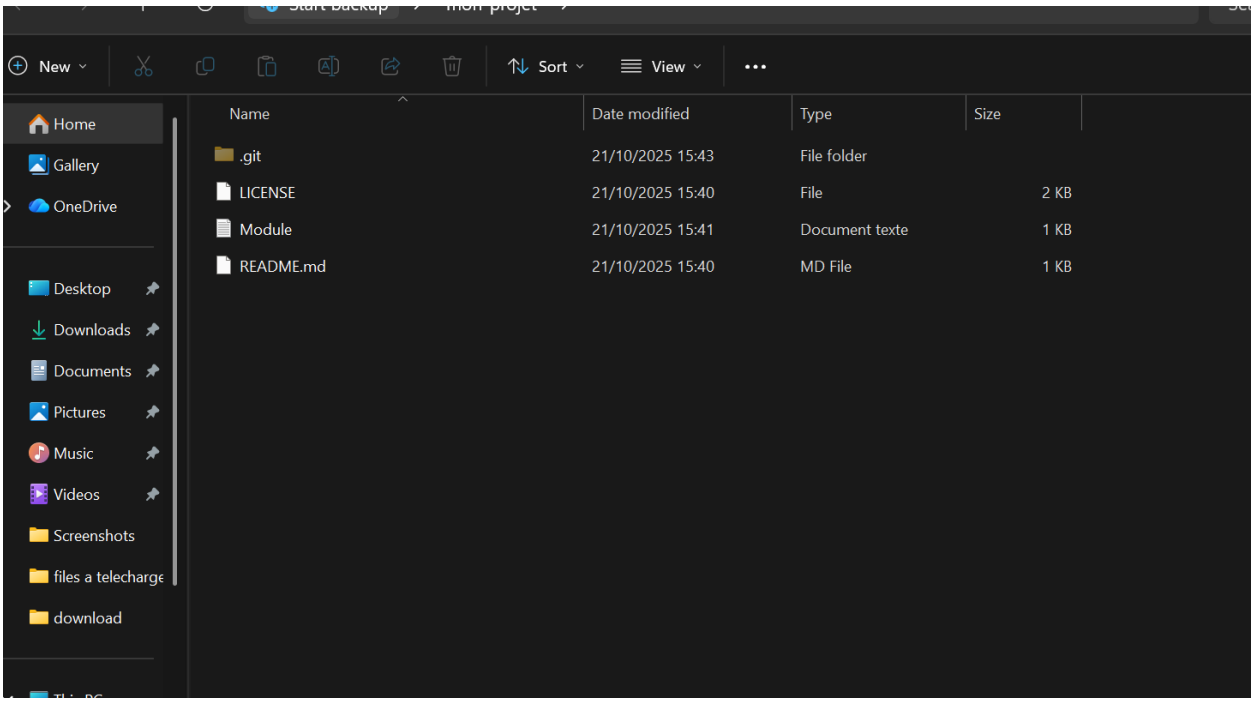




Là maintenant je crée un dépôt GitHub




MINGW64:/c/Users/User/Desktop/mon-projet
CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop
$ cd mon-projet
CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop/mon-projet (main)
$ echo "Systeme d'exploitation !" > Module.txt
CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop/mon-projet (main)
$ git add .
warning: in the working copy of 'Module.txt', LF will be replaced by CRLF the next time Git touches it
CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop/mon-projet (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.
Changes to be committed:
(use "git restore --staged <file>..." to unstage)
new file: Module.txt
CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop/mon-projet (main)
$ git commit -m "Ajout Module"
[main 6fc4a13] Ajout Module
1 file changed, 1 insertion(+)
create mode 100644 Module.txt
CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop/mon-projet (main)
$ git branch -M main
CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop/mon-projet (main)
$ git push -u origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 336 bytes | 336.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To github.com:Clifford26/mon-projet.git
c1eb9e7..6fc4a13 main -> main
branch 'main' set up to track 'origin/main'.
CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop/mon-projet (main)
$


New
Sort
View
Home
Gallery
OneDrive
Desktop
Downloads
Documents
Pictures
Music
Videos
Screenshots
files a telecharge
download
Name
Date modified
Type
Size
.git
21/10/2025 15:43
File folder
LICENSE
21/10/2025 15:40
File
2 KB
Module
21/10/2025 15:41
Document texte
1 KB
README.md
21/10/2025 15:40
MD File
1 KB

```
CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop/mon-projet (main)
$ git push -u origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 336 bytes | 336.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To github.com:Cliford26/mon-projet.git
   c1eb9e7..6fc4a13  main -> main
branch 'main' set up to track 'origin/main'.

CLIF.MULTI-SERVICES@DESKTOP-6J2ADRV MINGW64 ~/Desktop/mon-projet (main)
$ git --version
```