



Université de Technologie D'Haïti (UNITECH)

FACULTE DES SCIENCES INFORMATIQUES

Niveau IV

Devoir
Du cours
Intro a la Cyber sécurité

Préparé Par:
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Soumis au Professeur Mr **Ismael Saint Amour**

Sujet: TD1 sécurité-informatique.

Création d'un Nouveau Projet

Initialiser un nouveau dépôt Git dans un dossier existant :

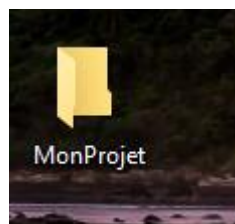
cd Desktop

mkdir MonProjet

cd MonProjet

git init

```
MINGW64/c:/Users/Fevry Lordson/Desktop/MonProjet
Fevry Lordson@DESKTOP-NNH432B MINGW64 ~
$ cd Desktop
Fevry Lordson@DESKTOP-NNH432B MINGW64 ~/Desktop
$ mkdir MonProjet
Fevry Lordson@DESKTOP-NNH432B MINGW64 ~/Desktop
$ cd MonProjet
Fevry Lordson@DESKTOP-NNH432B MINGW64 ~/Desktop/MonProjet
$ git init
Initialized empty Git repository in C:/Users/Fevry Lordson/Desktop/MonProjet/.git/
Fevry Lordson@DESKTOP-NNH432B MINGW64 ~/Desktop/MonProjet (master)
$ |
```



Afficher l'état du dépôt :

Affichez les modifications non validées et les fichiers non suivis :

```
echo "Hello, Git!" > fichier.txt
```

```
echo "Bonjour, Git!" > fichier1.txt
```

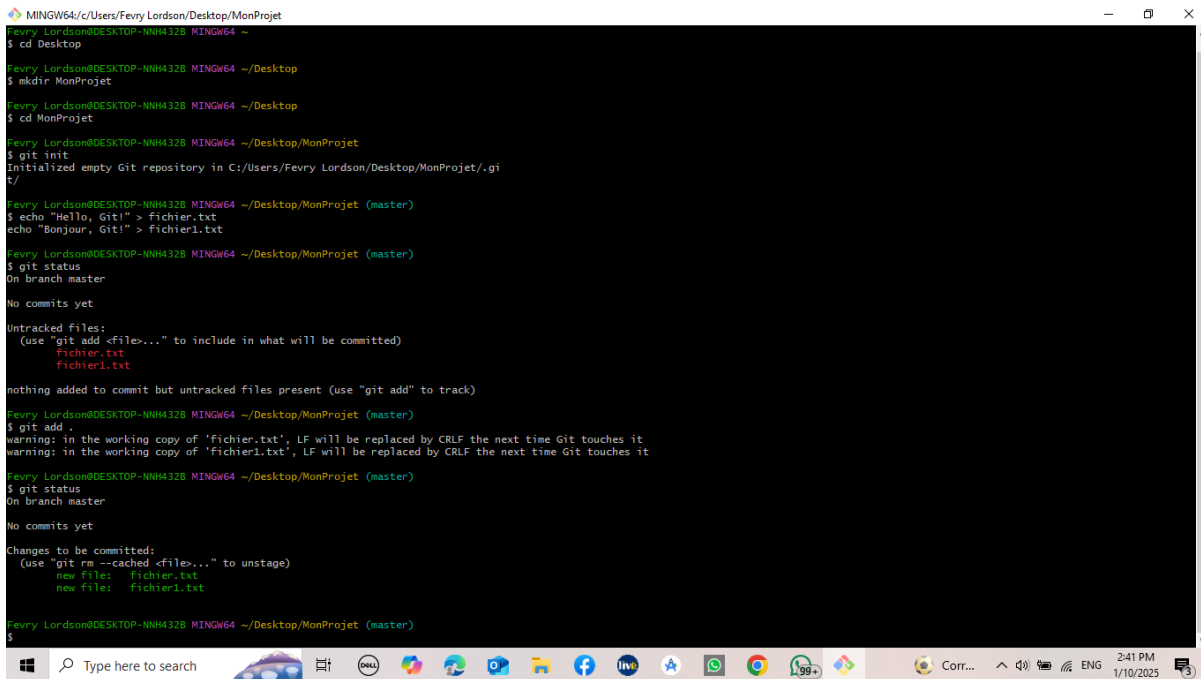
Faire un commit :

Enregistrez les modifications ajoutées dans l'historique du projet :

```
git status
```

Pour ajouter tous les fichiers modifiés :

```
git add .
```



```
MINGW64/c/Users/Fevry Lordson/Desktop/MonProjet
Fevry Lordson@DESKTOP-NNH4328 MINGW64 ~
$ cd Desktop
Fevry Lordson@DESKTOP-NNH4328 MINGW64 ~/Desktop
$ mkdir MonProjet
Fevry Lordson@DESKTOP-NNH4328 MINGW64 ~/Desktop
$ cd MonProjet
Fevry Lordson@DESKTOP-NNH4328 MINGW64 ~/Desktop/MonProjet
$ git init
Initialized empty Git repository in C:/Users/Fevry Lordson/Desktop/MonProjet/.git/
Fevry Lordson@DESKTOP-NNH4328 MINGW64 ~/Desktop/MonProjet (master)
$ echo "Hello, Git!" > fichier.txt
echo "Bonjour, Git!" > fichier1.txt
Fevry Lordson@DESKTOP-NNH4328 MINGW64 ~/Desktop/MonProjet (master)
$ git status
On branch master
No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    fichier.txt
    fichier1.txt

nothing added to commit but untracked files present (use "git add" to track)
Fevry Lordson@DESKTOP-NNH4328 MINGW64 ~/Desktop/MonProjet (master)
$ git add .
warning: in the working copy of 'fichier.txt', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'fichier1.txt', LF will be replaced by CRLF the next time Git touches it
Fevry Lordson@DESKTOP-NNH4328 MINGW64 ~/Desktop/MonProjet (master)
$ git status
On branch master
No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   fichier.txt
    new file:   fichier1.txt
Fevry Lordson@DESKTOP-NNH4328 MINGW64 ~/Desktop/MonProjet (master)
$
```

Enregistrez les modifications ajoutées dans l'historique du projet :

```
git commit -m "Message décrivant les modifications"
```

```
echo "Systeme d'exploitation!" > Module.txt
```

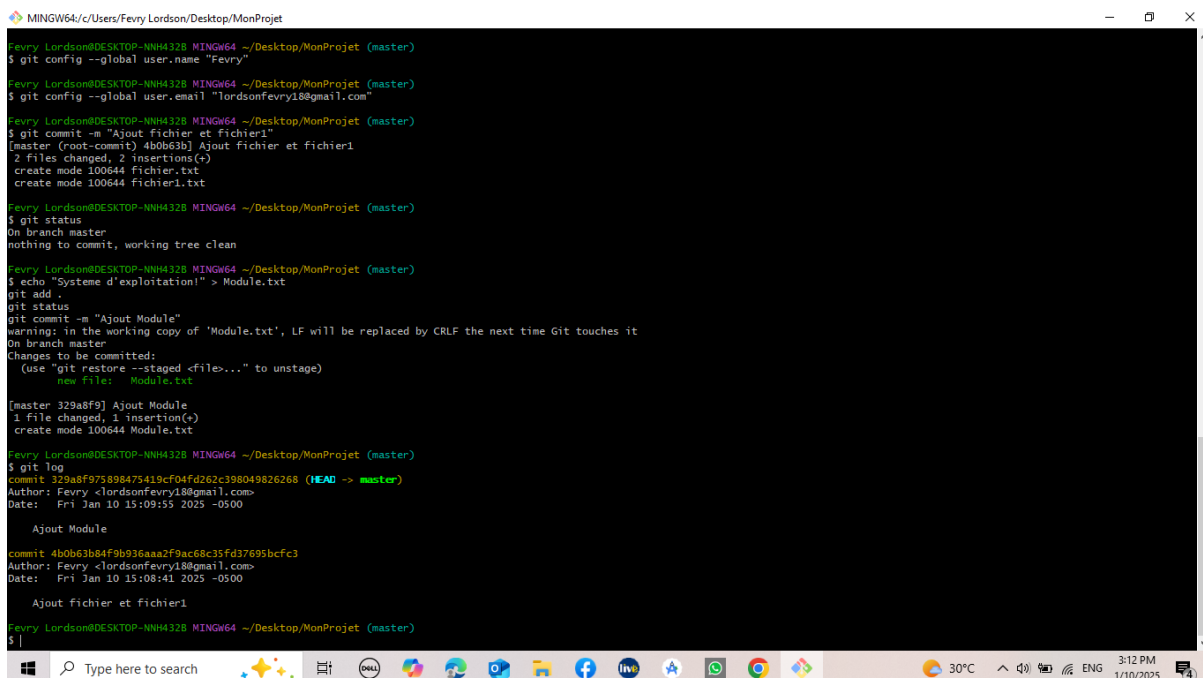
```
git add .
```

```
git status
```

```
git commit -m "Ajout Module"
```

Voir l'historique des commits :

```
git log
```



```
MINGW64/c/Users/Fevry Lordson/Desktop/MonProjet

Fevry Lordson@DESKTOP~NNH4328 MINGW64 ~/Desktop/MonProjet (master)
$ git config --global user.name "Fevry"

Fevry Lordson@DESKTOP~NNH4328 MINGW64 ~/Desktop/MonProjet (master)
$ git config --global user.email "lordsonfevry18@gmail.com"

Fevry Lordson@DESKTOP~NNH4328 MINGW64 ~/Desktop/MonProjet (master)
$ git commit -m "Ajout Fichier et fichier1"
[master (root-commit) 4b0b63b] Ajout Fichier et fichier1
2 files changed, 2 insertions(+)
create mode 100644 fichier.txt
create mode 100644 fichier1.txt

Fevry Lordson@DESKTOP~NNH4328 MINGW64 ~/Desktop/MonProjet (master)
$ git status
On branch master
nothing to commit, working tree clean

Fevry Lordson@DESKTOP~NNH4328 MINGW64 ~/Desktop/MonProjet (master)
$ echo "Systeme d'exploitation!" > Module.txt
git add .
git status
git commit -m "Ajout Module"
warning: in the working copy of 'Module.txt', LF will be replaced by CRLF the next time Git touches it
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   Module.txt

[master 329a8f9] Ajout Module
1 file changed, 1 insertion(+)
create mode 100644 Module.txt

Fevry Lordson@DESKTOP~NNH4328 MINGW64 ~/Desktop/MonProjet (master)
$ git log
commit 329a8f975896475419cf04fd262c398049826268 (HEAD -> master)
Author: Fevry <lordsonfevry18@gmail.com>
Date:   Fri Jan 10 15:09:55 2025 -0500

    Ajout Module

commit 4b0b63b84f9b936aaa2f9ac68c35fd37695bcfc3
Author: Fevry <lordsonfevry18@gmail.com>
Date:   Fri Jan 10 15:08:41 2025 -0500

    Ajout fichier et fichier1

Fevry Lordson@DESKTOP~NNH4328 MINGW64 ~/Desktop/MonProjet (master)
$
```

Revenir à un commit spécifique :

git checkout <commit-hash>

git checkout 4b0b63b84f9b936aaa2f9ac68c35fd37695bcfc3

git checkout 329a8f975898475419cf04fd262c398049826268

```
MINGW64/c/Users/Fevry Lordson/Desktop/MonProjet
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   Module.txt

[master 329a8f9] Ajout Module
1 file changed, 1 insertion(+)
create mode 100644 Module.txt

Fevry Lordson@DESKTOP-NNH4328 MINGW64 ~/Desktop/MonProjet (master)
$ git log
commit 329a8f975898475419cf04fd262c398049826268 (HEAD -> master)
Author: Fevry <lordonsefvy18@gmail.com>
Date:   Fri Jan 10 15:09:55 2025 -0500

    Ajout Module

commit 4b0b63b84f9b936aaa2f9ac68c35fd37695bcfc3
Author: Fevry <lordonsefvy18@gmail.com>
Date:   Fri Jan 10 15:08:41 2025 -0500

    Ajout fichier et fichier1

Fevry Lordson@DESKTOP-NNH4328 MINGW64 ~/Desktop/MonProjet (master)
$ git checkout 4b0b63b84f9b936aaa2f9ac68c35fd37695bcfc3
Note: switching to '4b0b63b84f9b936aaa2f9ac68c35fd37695bcfc3'.

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 4b0b63b Ajout fichier et fichier1

Fevry Lordson@DESKTOP-NNH4328 MINGW64 ~/Desktop/MonProjet ((4b0b63b...))
$ git checkout 329a8f975898475419cf04fd262c398049826268
Previous HEAD position was 4b0b63b Ajout fichier et fichier1
HEAD is now at 329a8f9 Ajout Module

Fevry Lordson@DESKTOP-NNH4328 MINGW64 ~/Desktop/MonProjet ((329a8f9...))
$
```

Générer une nouvelle clé SSH

cd ..

cd ..

ssh-keygen -t rsa -b 4096 -c "lordonsefvy18@gmail.com"

```
Fevry Lordson@DESKTOP-NNH4328 MINGW64 ~/Desktop/MonProjet ((329a8f9...))
$ cd ..
$ cd ..

Fevry Lordson@DESKTOP-NNH4328 MINGW64 ~
$ ssh-keygen -t rsa -b 4096 -c "lordonsefvy18@gmail.com"
Generating public/private rsa key pair.
Enter file in which to save the key (/c/Users/Fevry Lordson/.ssh/id_rsa):
Created directory '/c/Users/Fevry Lordson/.ssh'.
Enter passphrase for '/c/Users/Fevry Lordson/.ssh/id_rsa' (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /c/Users/Fevry Lordson/.ssh/id_rsa
Your public key has been saved in /c/Users/Fevry Lordson/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:3Qwn/AS9ej4s0v0WHz/MsB0Hv1P7Yg7yt83piTdGI lordonsefvy18@gmail.com
The key's randomart image is:
+---[RSA 4096]-----+
|  ..                |
|  ..                |
|  + o               |
|  . X.              |
|  S o.B             |
|  .+ +E o|          |
|  . o  =o+o+o|       |
|  . o  =o+o+o|       |
|  . o,+ +X0o+|       |
+---[SHA256]-----+

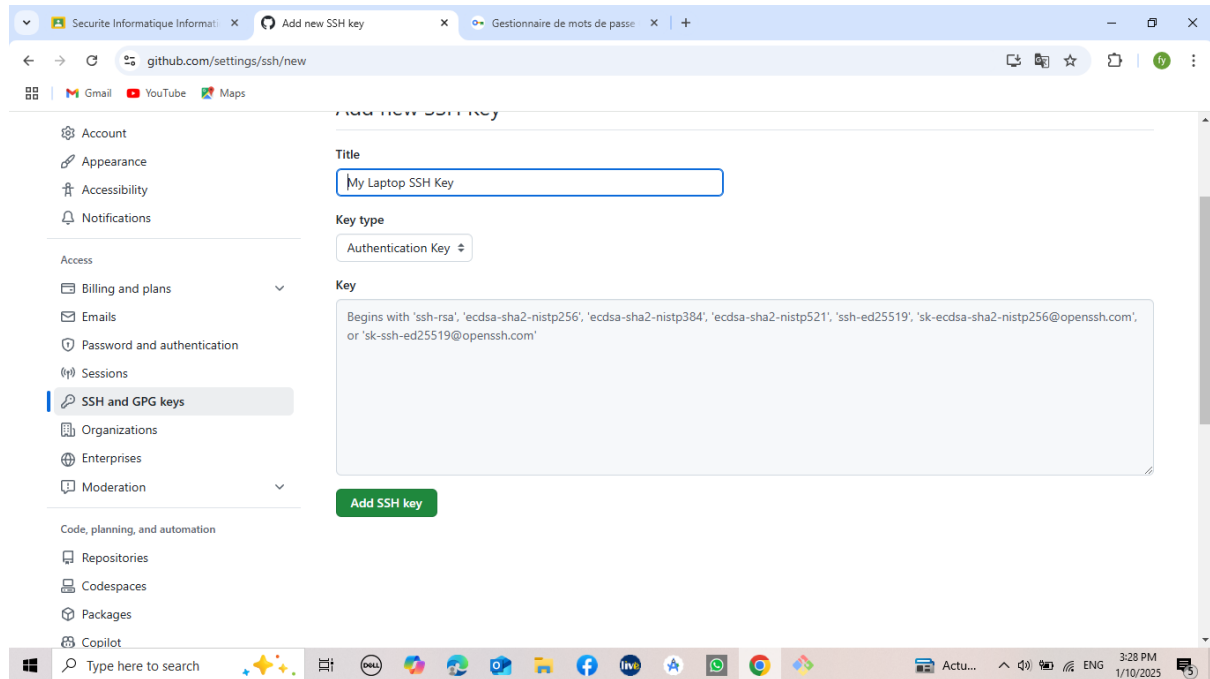
Fevry Lordson@DESKTOP-NNH4328 MINGW64 ~
$
```

Ajouter la clé SSH à votre compte GitHub

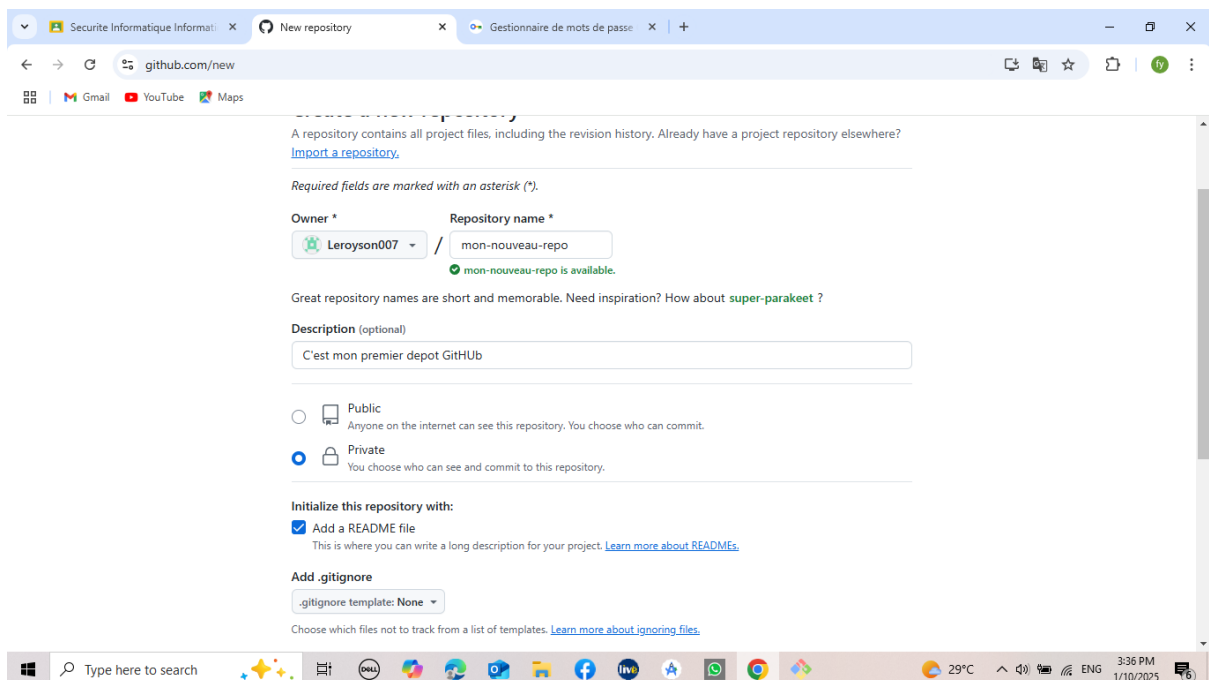
Affichez la clé publique générée :

cat ~/.ssh/id_rsa.pub

```
fevry@Lordsom895KTOP:~$ cat ~/.ssh/id_rsa.pub  
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQCAQCOVxJCSH2mZbs0p1whak/Zk8YDmopM6+k775LpjugT1NguJ3EAOVtx8210acrJsd+RqDk1E2EsckNTf/bQzhSemTmDF13HnekSy9cr8mGE/IXazrzVh2mYCbnsf/7IsXpY9p/bwRv160q00pKF1mzI/HudFZdUPCjQvyrvm9/upBTCDcVw5bk4LttqjktW9a452Hmc1o5Q9ah1DBHFv2uEvyZy5t65QvSDom019FRztt6KnpVgXnKQ5d10RR3po48IK1E5fk6Dkjduqp+4j3TE261ryErIb27J8jFREjdd4/OyFHz1gardzhSy7rMbFVKC41eEttbbk1FpyxzgjtCyEOGa0zYPUB8ajawGPpcbbhORQtnCPPS1GvhukkNhobYdyVFep/A674tqtEum68ZnY0vYq5Cp86kP7NgTtrOhkgdrzr27AB4jyxxZho8RduRVIU/e1AbkEqvAxZqUmSp5616C6ps6kRhcmsZ5rnx/t2WZ1R6aEro8+43145fCwjSsw7A388su4tvh0HtR4yX0ZDx3yqu4L8Lo5SmDqZVwE08xVWIXm417/1GB6TSNF7n6jsT4QZG6RpU1nNbvpCUQgU30p8KXwbgLXCQYx/1EPKPELedrZQ51CyYmtg3Ye7gbwRF6Pn940RvRaDwQJclZ2YwXeoJ/Q== Lordsomfevry18@gmail.com
```

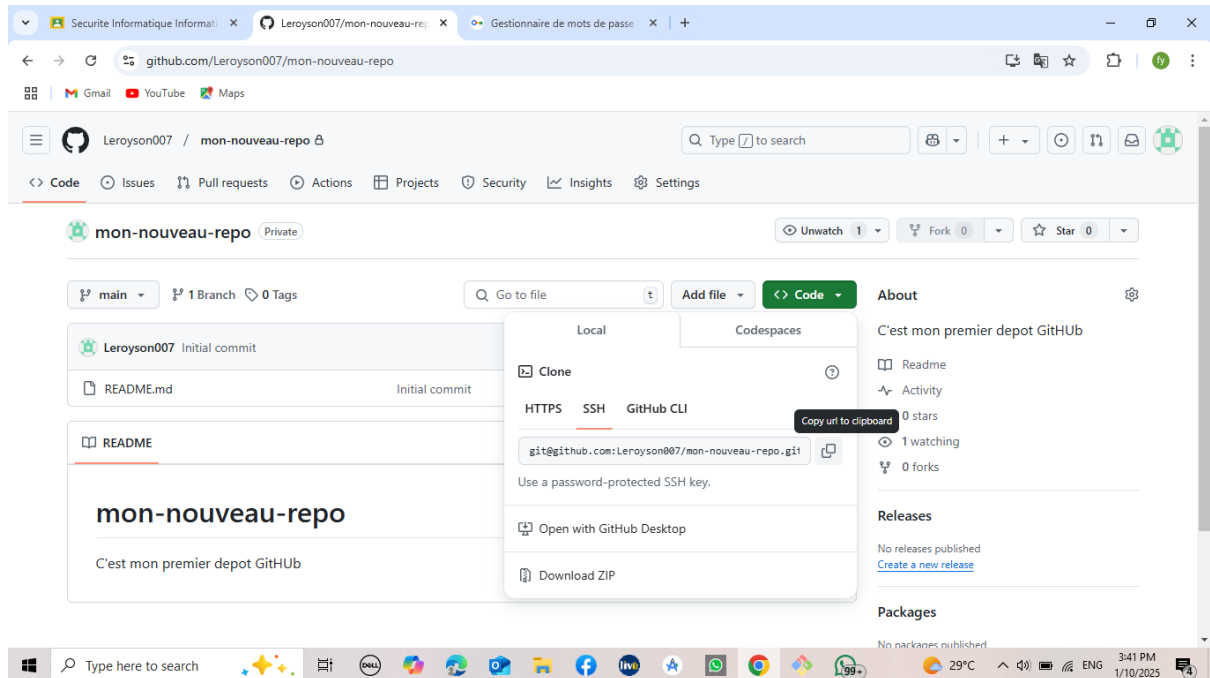


Créer un nouveau dépôt GitHub



Utilisation de mon nouveau dépôt :

Pour cloner le dépôt :



cd Desktop

git clone git@github.com:Leroyson007/mon-nouveau-repo.git

```
Fevry Lordson@DESKTOP-NNH432B MINGW64 ~
$ cd Desktop
Fevry Lordson@DESKTOP-NNH432B MINGW64 ~/Desktop
$ git clone git@github.com:Leroyson007/mon-nouveau-repo.git
Cloning into 'mon-nouveau-repo'...
The authenticity of host 'github.com (140.82.113.3)' can't be established.
ED25519 key fingerprint is SHA256:+DiY3vWV6TujhbpZisF/zLDA0zPMSvHdKr4UvCOqU.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'github.com' (ED25519) to the list of known hosts.
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.
Fevry Lordson@DESKTOP-NNH432B MINGW64 ~/Desktop
$
```

mv "C:/Users/Fevry Lordson/Desktop/MonProjet" "C:/Users/Fevry Lordson/Desktop/mon-nouveau-repo"
cd mon-nouveau-repo
ls

```
Fevry Lordson@DESKTOP-NNH432B MINGW64 ~/Desktop
$ mv "C:/Users/Fevry Lordson/Desktop/MonProjet" "C:/Users/Fevry Lordson/Desktop/mon-nouveau-repo"
cd mon-nouveau-repo
ls
Fevry Lordson@DESKTOP-NNH432B MINGW64 ~/Desktop/mon-nouveau-repo (main)
$ ls
MonProjet/  README.md
Fevry Lordson@DESKTOP-NNH432B MINGW64 ~/Desktop/mon-nouveau-repo (main)
$
```

git status

git add .

git commit -m "Ajout "

git status

git push

```
MINGW64/c/Users/Fevry Lordson/Desktop/mon-nouveau-repo
MonProjet/ README.md
Fevry Lordson@DESKTOP-NNH4328 MINGW64 ~/Desktop/mon-nouveau-repo (main)
$ git status
git add .
git commit -m "Ajout "
git status
git push
On branch main
Your branch is up to date with 'origin/main'.

Untracked files:
  (use "git add <files>..." to include in what will be committed)
    MonProjet/

nothing added to commit but untracked files present (use "git add" to track)
warning: adding embedded git repository: MonProjet
hint: You've added another git repository inside your current repository.
hint: Clones of the outer repository will not contain the contents of
hint: the embedded repository and will not know how to obtain it.
hint: If you meant to add a submodule, use:
hint:
hint:   git submodule add <url> MonProjet
hint:
hint: If you added this path by mistake, you can remove it from the
hint: index with:
hint:
hint:   git rm --cached MonProjet
hint:
hint: See "git help submodule" for more information.
hint: Disable this message with "git config advice.addEmbeddedRepo false"
[main f52b654] Ajout
 1 file changed, 1 insertion(+)
 create mode 160000 MonProjet
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 265 bytes | 265.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To github.com:Leroyson007/mon-nouveau-repo.git
   7c93972..f52b654  main -> main

Fevry Lordson@DESKTOP-NNH4328 MINGW64 ~/Desktop/mon-nouveau-repo (main)
$
```

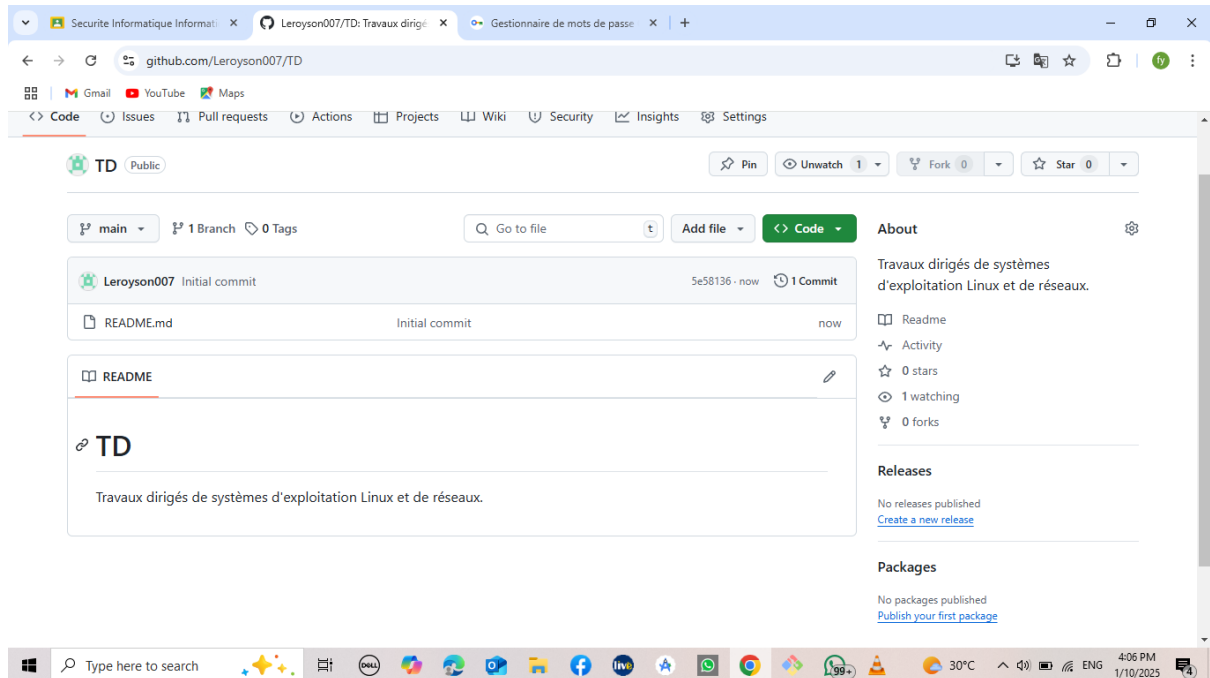

Travaux Dirigés Git et GitHub

Créer un nouveau dépôt :

Nom du dépôt : TD

Description : Travaux dirigés de systèmes d'exploitation Linux et de réseaux.

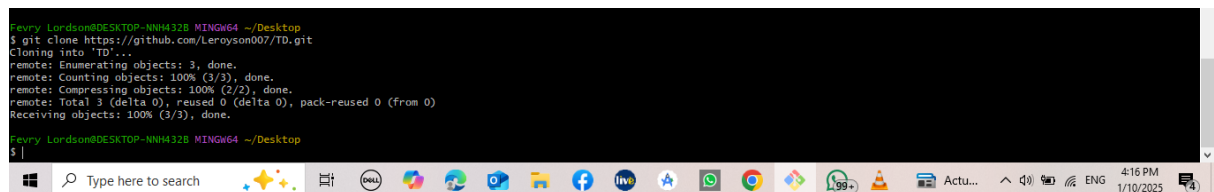
Public: Choisissez le dépôt doit être public."



cd /c/Users/Fevry\ Lordson/Desktop



\$ git clone https://github.com/Leroyson007/TD.git



Sur Powershell

ls

cd TD

mkdir systeme

cd systeme

mkdir image

cd ..

mkdir resau

cd resau

mkdir image

cd ..

```
PS C:\> cd TD
PS C:\TD> mkdir systeme

Directory: C:\TD

Mode                LastWriteTime         Length Name
----                -
d-----          1/10/2025   4:25 PM             systeme

PS C:\TD> cd systeme
PS C:\TD\systeme> mkdir image

Directory: C:\TD\systeme

Mode                LastWriteTime         Length Name
----                -
d-----          1/10/2025   4:26 PM             image

PS C:\TD\systeme> cd..
PS C:\TD> mkdir resau

Directory: C:\TD

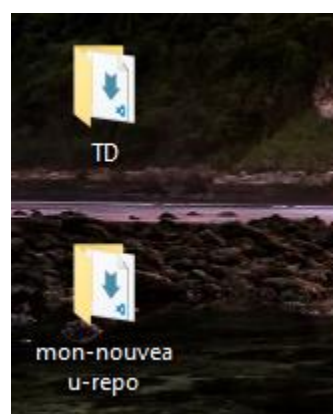
Mode                LastWriteTime         Length Name
----                -
d-----          1/10/2025   4:26 PM             resau
```

```
PS C:\TD> cd resau
PS C:\TD\resau> mkdir image

Directory: C:\TD\resau

Mode                LastWriteTime         Length Name
----                -
d-----          1/10/2025   4:27 PM             image

PS C:\TD\resau> cd..
PS C:\TD>
```



Hébergez le rapport de travail

cd systeme

git status

git add .

git commit -m "Ajout rapport1 "

git push

cd image

git status

git add .

git commit -m "Ajout les images td1 "

git push

```
MINGW64/c/Users/Fevry Lordson/Desktop/TD/systeme/image
Fevry Lordson@DESKTOP-NNH4328 MINGW64 ~/Desktop/TD/systeme/image (master)
$ cd systeme
git status
git add .
git commit -m "Ajout rapport1 "
git push
cd image
git status
git add .
git commit -m "Ajout les images tdi "
git push
bash: cd: systeme: No such file or directory
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   Screenshot (28).png
    new file:   Screenshot (28).png
    new file:   Screenshot (29).png
    new file:   Screenshot (30).png
    new file:   Screenshot (31).png
    new file:   Screenshot (38).png
    new file:   Screenshot (39).png
    new file:   Screenshot (40).png
    new file:   Screenshot (41).png
    new file:   Screenshot (43).png
    new file:   Screenshot (44).png
    new file:   Screenshot (45).png
    new file:   Screenshot (46).png

[master (root-commit) 89ca795] Ajout rapport1
13 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Screenshot (28).png
create mode 100644 Screenshot (28).png
create mode 100644 Screenshot (29).png
create mode 100644 Screenshot (30).png
create mode 100644 Screenshot (31).png
create mode 100644 Screenshot (38).png
create mode 100644 Screenshot (39).png
create mode 100644 Screenshot (40).png
create mode 100644 Screenshot (41).png
create mode 100644 Screenshot (43).png
create mode 100644 Screenshot (44).png
create mode 100644 Screenshot (45).png
create mode 100644 Screenshot (46).png
fatal: No configured push destination.
Either specify the URL from the command-line or configure a remote repository using
```

```
MINGW64/c/Users/Fevry Lordson/Desktop/TD/systeme/image
Fevry Lordson@DESKTOP-NNH4328 MINGW64 ~/Desktop/TD/systeme/image (master)
$ ls
'Screenshot (26).png' 'Screenshot (29).png' 'Screenshot (31).png' 'Screenshot (39).png' 'Screenshot (41).png' 'Screenshot (44).png' 'Screenshot (46).png'
'Screenshot (28).png' 'Screenshot (30).png' 'Screenshot (38).png' 'Screenshot (40).png' 'Screenshot (43).png' 'Screenshot (45).png'

Fevry Lordson@DESKTOP-NNH4328 MINGW64 ~/Desktop/TD/systeme/image (master)
$ git push -u origin master
info: please complete authentication in your browser...
Enumerating objects: 15, done.
Counting objects: 100% (15/15), done.
Delta compression using up to 8 threads
Compressing objects: 100% (15/15), done.
Writing objects: 100% (15/15), 1.48 MiB | 543.00 KiB/s, done.
Total 15 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote: https://github.com/Leroyson007/TD/pull/new/master
remote:
To https://github.com/Leroyson007/TD.git
 * [new branch] master -> master
branch 'master' set up to track 'origin/master'.

Fevry Lordson@DESKTOP-NNH4328 MINGW64 ~/Desktop/TD/systeme/image (master)
$
```

```
MINGW64/c/Users/Fevry Lordson/Desktop/TD/systeme/image
bash: cd: systeme: No such file or directory
On branch master
Your branch is up to date with 'origin/master'.

Untracked files:
  (use "git add <files>..." to include in what will be committed)
    Screenshot (27).png
    Screenshot (32).png
    Screenshot (33).png
    Screenshot (34).png
    Screenshot (35).png
    Screenshot (36).png
    Screenshot (37).png
    Screenshot (42).png
    Screenshot (49).png

nothing added to commit but untracked files present (use "git add" to track)
[master 26222c9] Ajout rapport1
 9 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 Screenshot (27).png
 create mode 100644 Screenshot (32).png
 create mode 100644 Screenshot (33).png
 create mode 100644 Screenshot (34).png
 create mode 100644 Screenshot (35).png
 create mode 100644 Screenshot (36).png
 create mode 100644 Screenshot (37).png
 create mode 100644 Screenshot (42).png
 create mode 100644 Screenshot (49).png
Enumerating objects: 12, done.
Counting objects: 100% (12/12), done.
Delta compression using up to 8 threads
Compressing objects: 100% (11/11), done.
Writing objects: 100% (11/11), 1022.13 KiB | 692.00 KiB/s, done.
Total 11 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/Leroyson007/TD.git
 89ca795..26222c9 master -> master
bash: cd: image: No such file or directory
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean
Everything up-to-date

Fevry Lordson@DESKTOP-NNH4328 MINGW64 ~/Desktop/TD/systeme/image (master)
$ |
```