



IUS
INSTITUT
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DES SCIENCES

**FACULTÉ DES SCIENCES ET DES TECHNOLOGIES
(FST)**

Troisième année

RAPPORT

Sur le Travail de Laboratoire N°1

COURS

Systèmes d'Exploitation Linux

Professeur

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PRÉPARÉ PAR

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SEMESTRE

I

Le 19/10/2024

1) La Reproduction des tâches de Git et GitHub.

- La vérification de l'installation

```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\Peterson CHERY> winget --version
v1.8.1911
PS C:\Users\Peterson CHERY> git --version
git version 2.47.0.windows.1
PS C:\Users\Peterson CHERY>
```

- Création d'un nouveau Projet

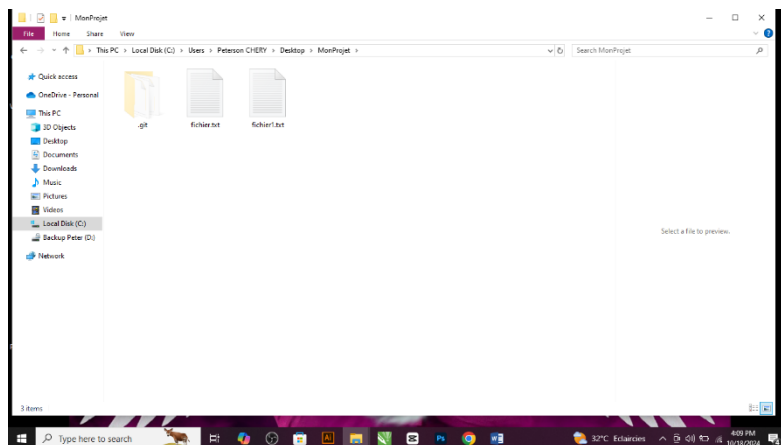
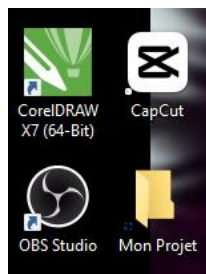
```
MINGW64/c/Users/Peterson CHERY/Desktop/MonProjet
Peterson.CHERY@DESKTOP-3380LV3 MINGW64 ~
$ cd Desktop
Peterson.CHERY@DESKTOP-3380LV3 MINGW64 ~/Desktop
$ mkdir MonProjet
mkdir: cannot create directory 'MonProjet': File exists
Peterson.CHERY@DESKTOP-3380LV3 MINGW64 ~/Desktop
$ ls
'Adobe Illustrator 2020.lnk' 'Adobe Photoshop 2020.lnk' MonProjet/
Peterson.CHERY@DESKTOP-3380LV3 MINGW64 ~/Desktop
$ cd MonProjet
Peterson.CHERY@DESKTOP-3380LV3 MINGW64 ~/Desktop/MonProjet (master)
$ ls
Fichier.txt
Peterson.CHERY@DESKTOP-3380LV3 MINGW64 ~/Desktop/MonProjet (master)
$ git commit -m "j'ajout fichier et Fichier 1"
Author identity unknown

*** Please tell me who you are.

Run

git config --global user.email "you@example.com"
git config --global user.name "Your Name"

to set your account's default identity.
Hint: --global to set the identity only in this repository.
fatal: unable to auto-detect email address (got 'Peterson.CHERY@DESKTOP-3380LV3.(none)')
Peterson.CHERY@DESKTOP-3380LV3 MINGW64 ~/Desktop/MonProjet (master)
$ git config --global user.email "petergraphic3@gmail.com"
Peterson.CHERY@DESKTOP-3380LV3 MINGW64 ~/Desktop/MonProjet (master)
$ git config --global user.name "PeterGraphic-code"
Peterson.CHERY@DESKTOP-3380LV3 MINGW64 ~/Desktop/MonProjet (master)
$ git commit -m "j'ajout fichier et Fichier 1"
(master root-commit) bd783ef j'ajout fichier et Fichier 1
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Fichier.txt
create mode 100644 Fichier1.txt
Peterson.CHERY@DESKTOP-3380LV3 MINGW64 ~/Desktop/MonProjet (master)
$
```



```
Peterson CHERY@DESKTOP-JJR0LV3 MINGW64 ~/Desktop/MonProjet (master)
$ ls
Module.txt fichier.txt fichier1.txt

Peterson CHERY@DESKTOP-JJR0LV3 MINGW64 ~/Desktop/MonProjet (master)
$ git commit -m
error: switch 'm' requires a value

Peterson CHERY@DESKTOP-JJR0LV3 MINGW64 ~/Desktop/MonProjet (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   Module.txt

Peterson CHERY@DESKTOP-JJR0LV3 MINGW64 ~/Desktop/MonProjet (master)
$ git commit -m "ajout Module"
[master bd3e9ea] ajout Module
1 file changed, 1 insertion(+)
create mode 100644 Module.txt

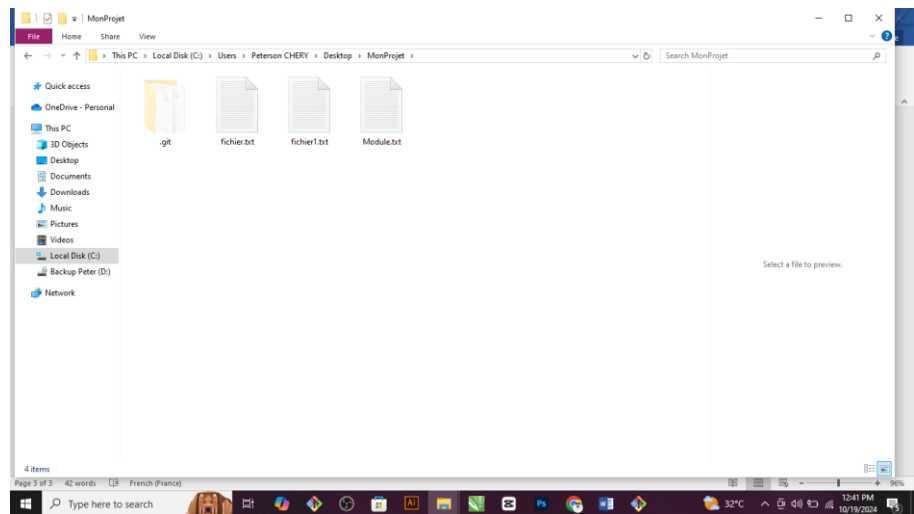
Peterson CHERY@DESKTOP-JJR0LV3 MINGW64 ~/Desktop/MonProjet (master)
$ git log
commit bd3e9eaid125cdda216aa00099ee07e94e4497c (HEAD -> master)
Author: PeterGraphic-code <petergraphic35@gmail.com>
Date:   Sat Oct 19 12:41:09 2024 -0400

    ajout Module

commit bd783ef81d4c3467509fcff389eeb973ef433355
Author: PeterGraphic-code <petergraphic35@gmail.com>
Date:   Fri Oct 18 15:43:49 2024 -0400

    j'ajout fichier et ficjier 1

Peterson CHERY@DESKTOP-JJR0LV3 MINGW64 ~/Desktop/MonProjet (master)
$ |
```



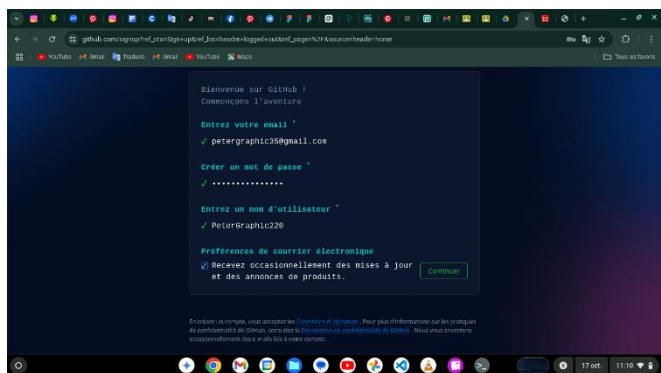
```
Peterson CHERY@DESKTOP-JJR0LV3 MINGW64 ~/Desktop/MonProjet ((bd783ef...))
$ git checkout bd3e9eaid125cdda216aa00099ee07e94e4497c
Previous HEAD position was bd783ef j'ajout fichier et ficjier 1
HEAD is now at bd3e9ea ajout Module

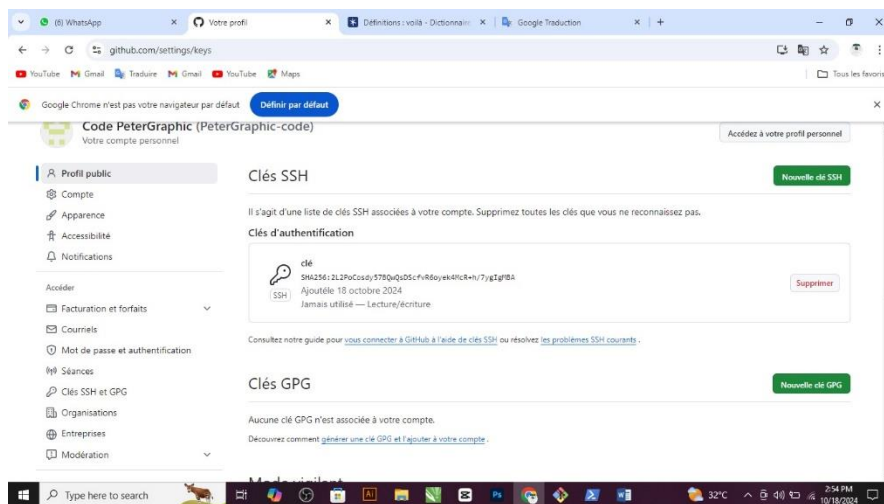
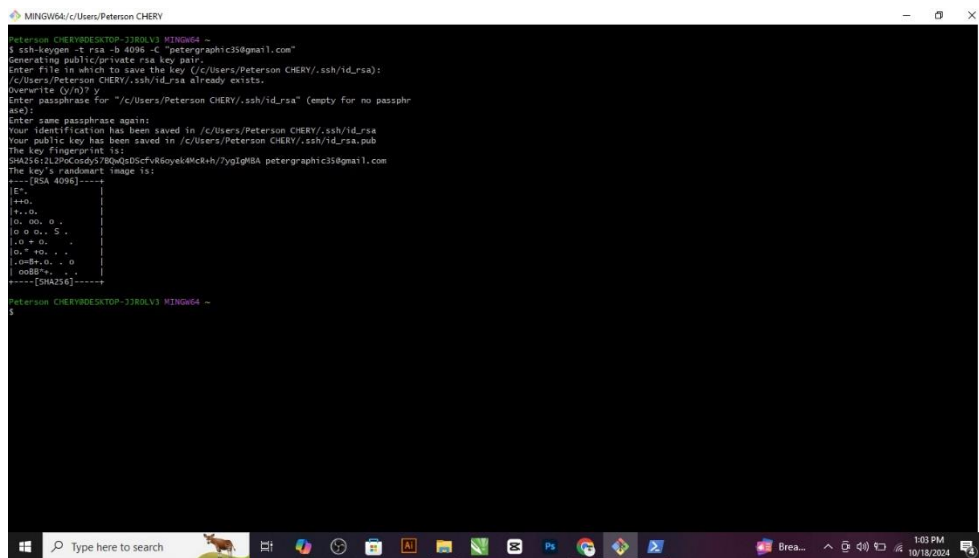
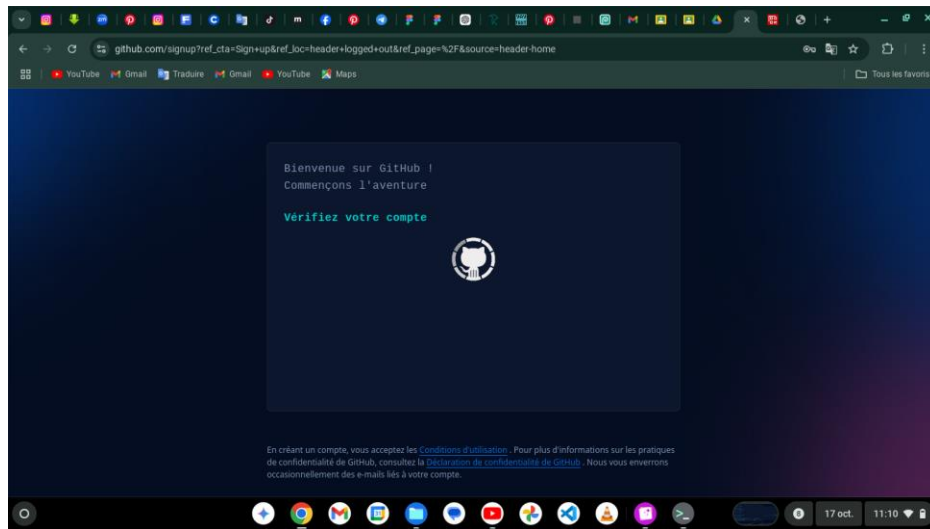
Peterson CHERY@DESKTOP-JJR0LV3 MINGW64 ~/Desktop/MonProjet ((bd3e9ea...))
$ AC

Peterson CHERY@DESKTOP-JJR0LV3 MINGW64 ~/Desktop/MonProjet ((bd3e9ea...))
$ git checkout bd3e9eaid125cdda216aa00099ee07e94e4497c
HEAD is now at bd3e9ea ajout Module

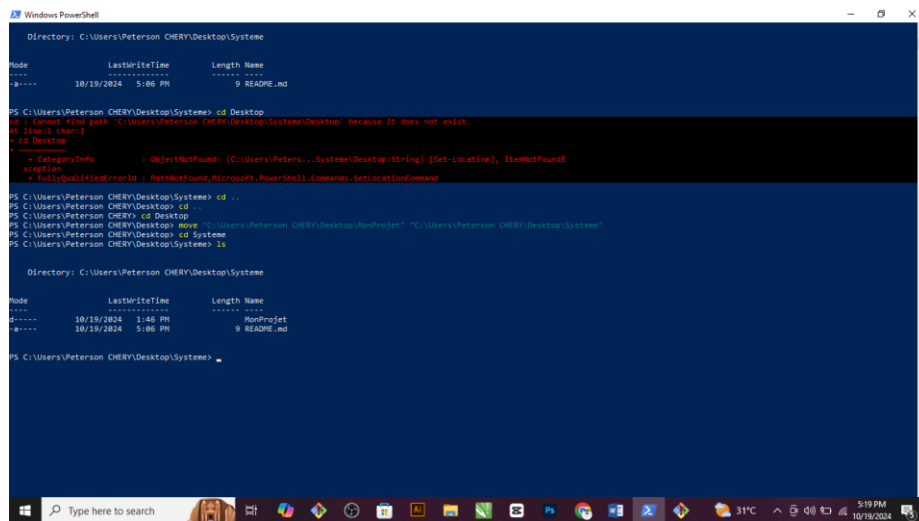
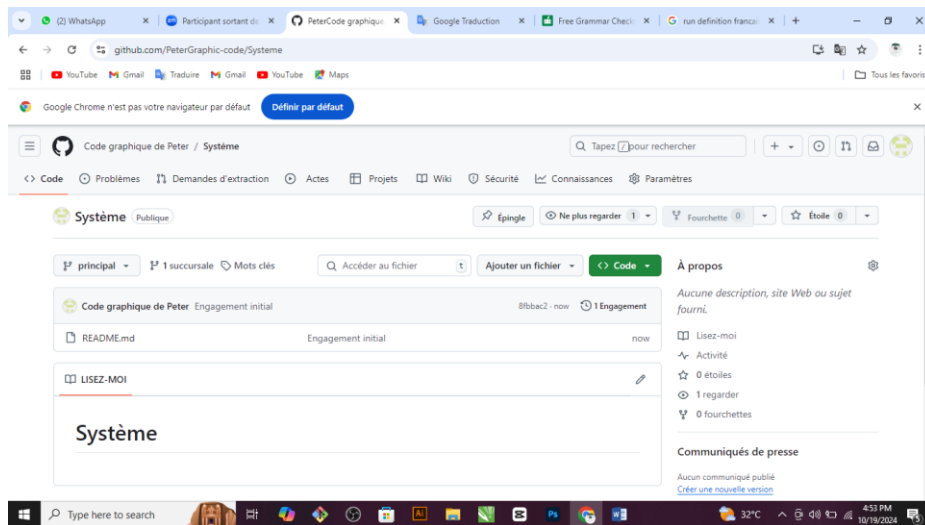
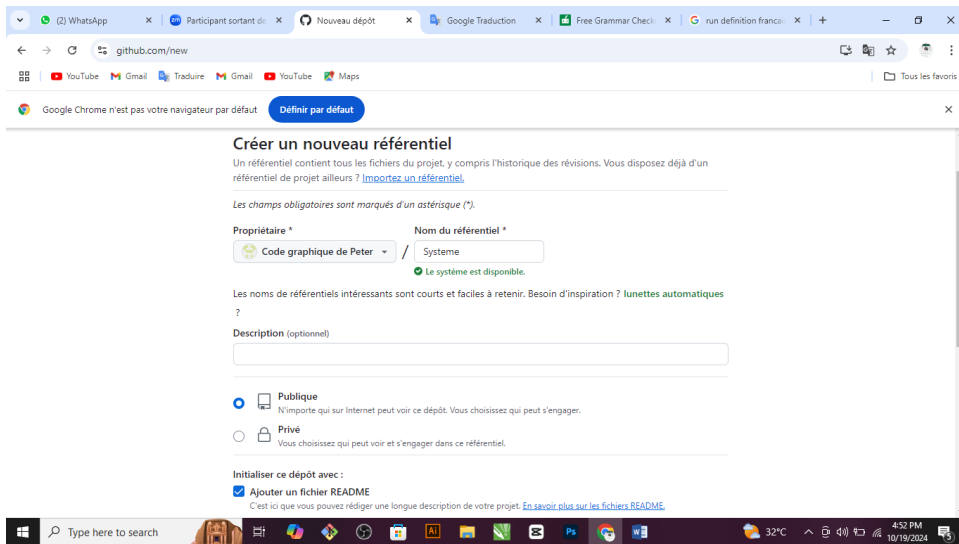
Peterson CHERY@DESKTOP-JJR0LV3 MINGW64 ~/Desktop/MonProjet ((bd3e9ea...))
$
```

- Création d'un Compte GitHub et Génération d'une nouvelle clé SSH





- Création d'un nouveau dépôt



```
MINGW64/c/Users/Peterson CHERY/Desktop/Systeme
$ git clone git@github.com:PeterGraphic-code/Systeme.git
bash: git: command not found

Peterson CHERYDESKTOP-77R0LV3 MINGW64 ~/Desktop
$ cd Systeme

Peterson CHERYDESKTOP-77R0LV3 MINGW64 ~/Desktop/Systeme (main)
$ ls
MonProjet/  README.md

Peterson CHERYDESKTOP-77R0LV3 MINGW64 ~/Desktop/Systeme (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:   MonProjet

Peterson CHERYDESKTOP-77R0LV3 MINGW64 ~/Desktop/Systeme (main)
$ git add .

Peterson CHERYDESKTOP-77R0LV3 MINGW64 ~/Desktop/Systeme (main)
$ git commit -m "Ajout"
[main d90c0a0] Ajout
1 file changed, 1 insertion(+)
create mode 160000 MonProjet

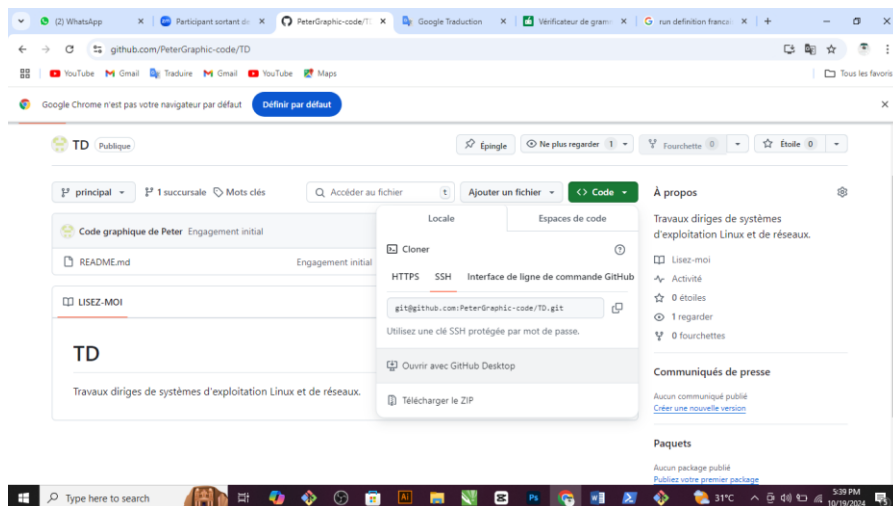
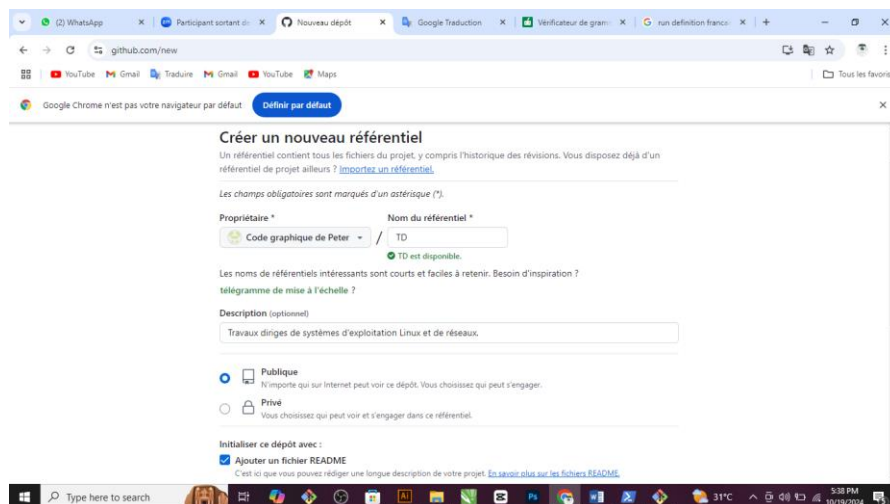
Peterson CHERYDESKTOP-77R0LV3 MINGW64 ~/Desktop/Systeme (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean

Peterson CHERYDESKTOP-77R0LV3 MINGW64 ~/Desktop/Systeme (main)
$ git push
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 273.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To github.com:PeterGraphic-code/Systeme.git
 8fbbac2..d90c0a0 main -> main

Peterson CHERYDESKTOP-77R0LV3 MINGW64 ~/Desktop/Systeme (main)
$
```

2) Création d'un nouveau dépôt TD



```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\Peterson CHERY> git clone git@github.com:PeterGraphic-code/TD.git
Cloning into 'TD'...
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.
PS C:\Users\Peterson CHERY>
```

3) Exécution des commandes sur PowerShell

```
Windows PowerShell

PS C:\Users\Peterson CHERY\Desktop\MonIus> cd ..
PS C:\Users\Peterson CHERY\Desktop> cd ..
PS C:\Users\Peterson CHERY> ls

Directory: C:\Users\Peterson CHERY

Mode                LastWriteTime         Length Name
----                -
d-----          10/19/2024    5:06 PM                .ssh
d-----           7/19/2023    5:47 PM                .vscode
d-r---           8/26/2022    4:29 PM             3D Objects
d-----           9/21/2024    4:38 PM      Cisco Packet Tracer 8.2.2
d-r---           8/26/2022    4:29 PM             Contacts
d-----          10/20/2024   12:59 PM             Desktop
d-----           9/9/2022    4:38 PM             Documents
d-r---          10/19/2024    3:19 PM             Downloads
d-r---           8/26/2022    4:29 PM             Favorites
d-r---           8/26/2022    4:29 PM              Links
d-r---          10/20/2024    1:02 PM             Music
dar--l          10/20/2024   12:25 PM             OneDrive
d-----           8/21/2022    4:20 AM             Pictures
d-----           2/23/2023    4:16 PM      PycharmProjects
d-r---           8/26/2022    4:29 PM             Saved Games
d-r---           9/27/2023   10:19 PM             Searches
d-----          10/20/2024   12:52 PM                TD
d-r---           8/31/2024    7:00 AM             Videos
-a----          10/18/2024    3:43 PM             67 .gitconfig
-a----          10/19/2024   12:43 PM             20 .lessht
-a----           9/21/2024    4:10 PM            194 .packettracer
-a----           4/21/2023   11:56 AM            243 d3d_antilag.log

PS C:\Users\Peterson CHERY> cd TD
PS C:\Users\Peterson CHERY\TD> mkdir systeme

Directory: C:\Users\Peterson CHERY\TD

Mode                LastWriteTime         Length Name
----                -
d-----          10/20/2024    1:03 PM                systeme
```

```
Windows PowerShell

PS C:\Users\Peterson CHERY\TD> cd systeme
PS C:\Users\Peterson CHERY\TD\systeme> mkdir image

Directory: C:\Users\Peterson CHERY\TD\systeme

Mode                LastWriteTime         Length Name
----                -
d-----         10/20/2024   1:04 PM             image

PS C:\Users\Peterson CHERY\TD\systeme> cd ..
PS C:\Users\Peterson CHERY\TD> mkdir reseau

Directory: C:\Users\Peterson CHERY\TD

Mode                LastWriteTime         Length Name
----                -
d-----         10/20/2024   1:04 PM             reseau

PS C:\Users\Peterson CHERY\TD> cd reseau
PS C:\Users\Peterson CHERY\TD\reseau> mkdir image

Directory: C:\Users\Peterson CHERY\TD\reseau

Mode                LastWriteTime         Length Name
----                -
d-----         10/20/2024   1:05 PM             image

PS C:\Users\Peterson CHERY\TD\reseau> cd ..
PS C:\Users\Peterson CHERY\TD>
```

CONCLUSION :

J'ai appris les compétences nécessaires pour gérer des projets et collaborer efficacement en utilisant Git et GitHub.