

INSTITUT UNIVERSITAIRE DES SCIENCES

(IUS)



Faculté des Sciences et de Technologie FST (L3)

Rapport du TD 1 | Systèmes

Préparé par

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Niveau : L3

10 novembre 2025

Description du travail

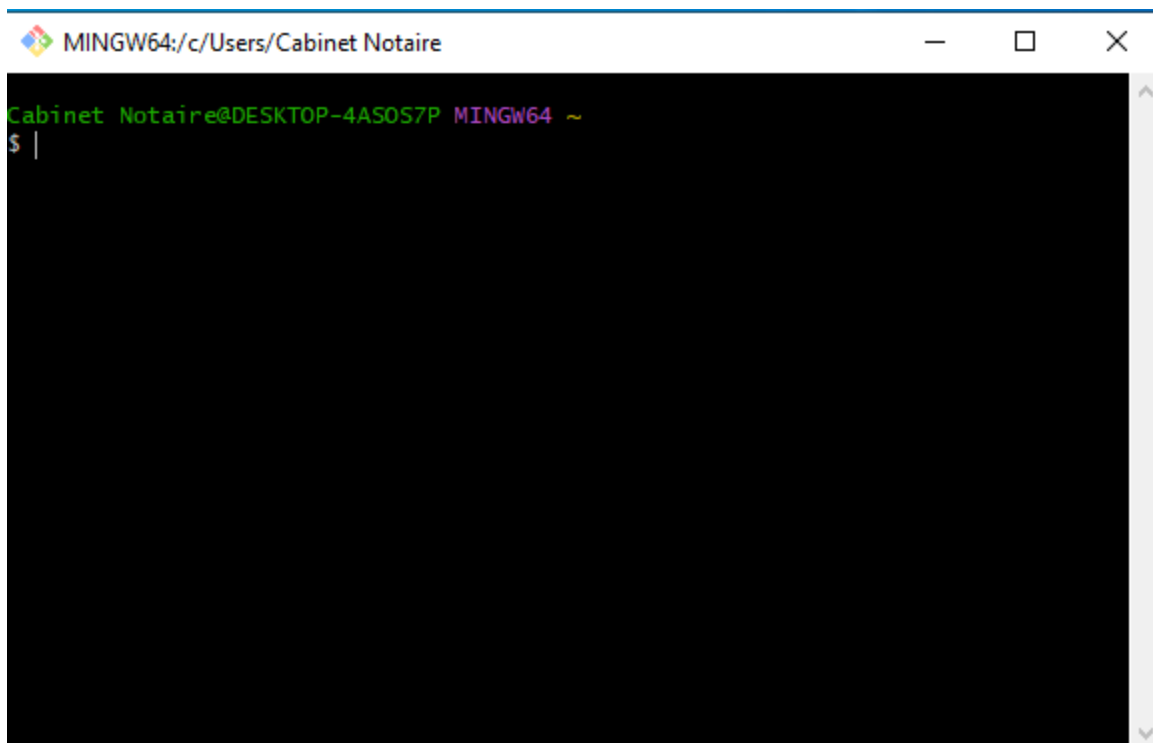
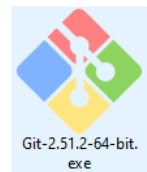
Nous évoluons dans un monde où l'informatique et la technologie jouent un rôle crucial et toute personne voulant entrer dans un milieu de travail compétitif doit se mettre au diapason pour profiter de tout progrès dans ce domaine. Ainsi pour mieux gérer leur travail, certains font appel à des outils jugés très puissants que ce soit pour collaborer, pour sauvegarder, pour sécuriser, pour partager leur travail. Parmi ceux qui sont disponibles sur le marché, Git et **GitHub** demeurent des outils très prisés des développeurs, codeurs et autres pour faciliter leur quotidien.

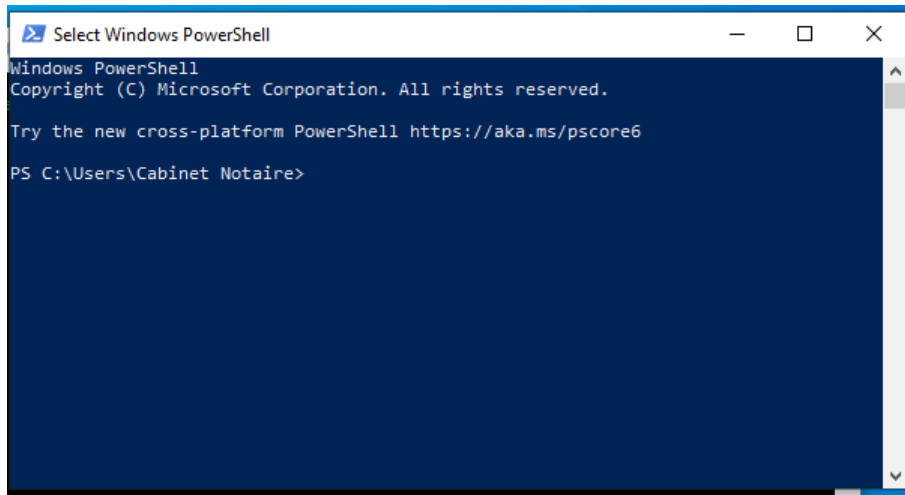
Dans ce travail de **TD** (travaux dirigés), nous allons voir comment installer, configurer git et GitHub et aussi comment y partager des ressources en 8 étapes.

Etape 1 : installation de Git et utilisation avec PowerShell

En se rendant sur le lien : [Git - Install](#), nous avons pu télécharger la version de git compatible Windows.

En double cliquant sur le fichier exécutable, nous avons lancé l'installation





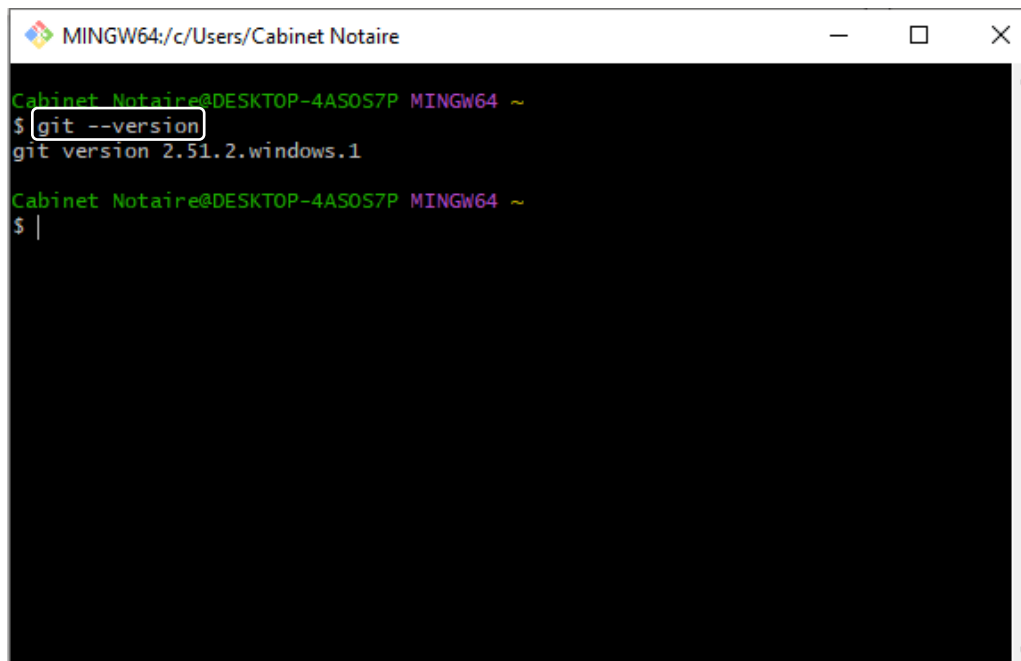
```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

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

PS C:\Users\Cabinet Notaire>
```

Etape 2-Vérification de l'installation

Cette ligne de commande a été saisie pour vérifier l'installation de la version de git : **git --version**



```
MINGW64:/c/Users/Cabinet Notaire

Cabinet Notaire@DESKTOP-4AS0S7P MINGW64 ~
$ git --version
git version 2.51.2.windows.1

Cabinet Notaire@DESKTOP-4AS0S7P MINGW64 ~
$ |
```

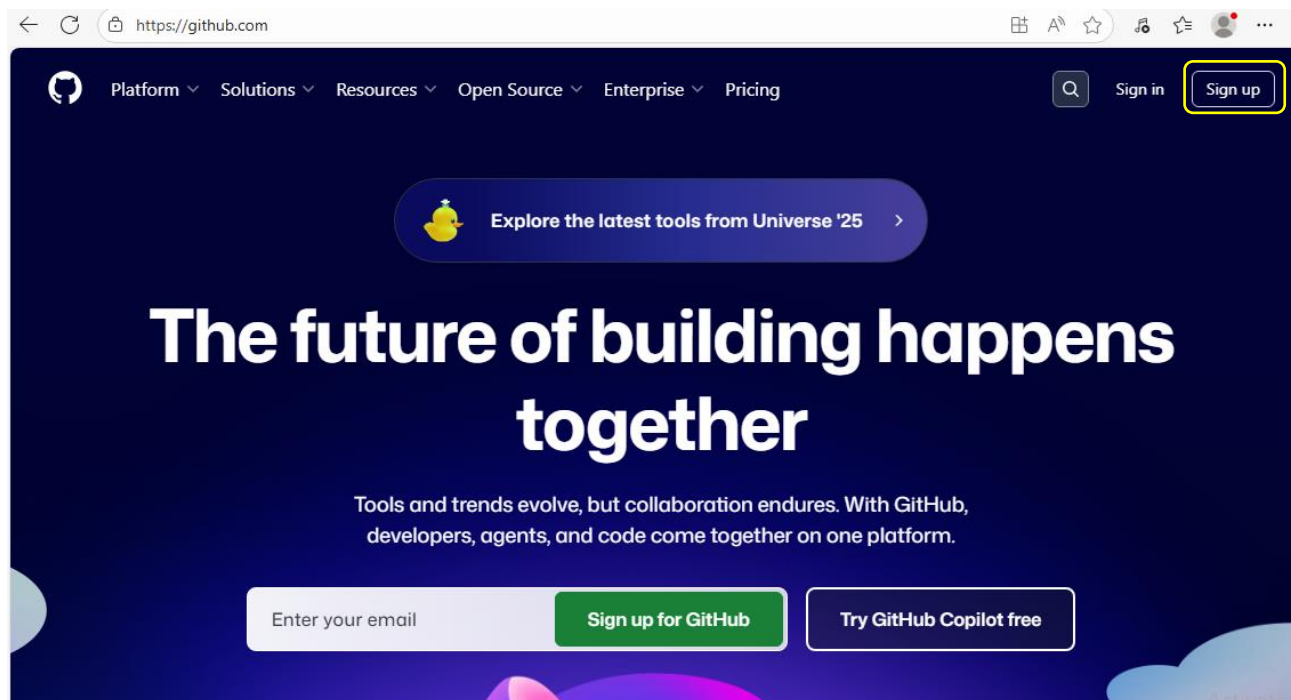
```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

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

PS C:\Users\Cabinet Notaire> git --version
git version 2.51.2.windows.1
PS C:\Users\Cabinet Notaire>
```

Etape 3- Création et connexion de compte GitHub

a) Création du compte : En allant sur le site officiel de GitHub <https://github.com/>



Email*

kendy.bichotte@ius.education

▲ The email you have provided is already associated with an account.

[Sign in](#) or [reset your password](#).

Password*

.....



Password should be at least 15 characters OR at least 8 characters including a number and a lowercase letter.

Username*

kendybichottegit



Username may only contain alphanumeric characters or single hyphens, and cannot begin or end with a hyphen.

Your Country/Region*

Haiti



For compliance reasons, we're required to collect country information to send you occasional updates and announcements.

Email preferences

☐ Receive occasional product updates and announcements

Create account >

b) Connexion au compte GitHub



Sign in to GitHub

Username or email address

kendy.bichotte@ius.education

Password

[Forgot password?](#)

.....

Sign in

Mon compte a été déjà créé
(l'email a été déjà utilisé)

Mais pour montrer les
différentes étapes pour la
création, j'ai dû renseigner les
informations nécessaires.

Mon compte a été déjà créé
(l'email a été déjà utilisé)

Je fournis les informations
pour ma connexion.

Email ou username

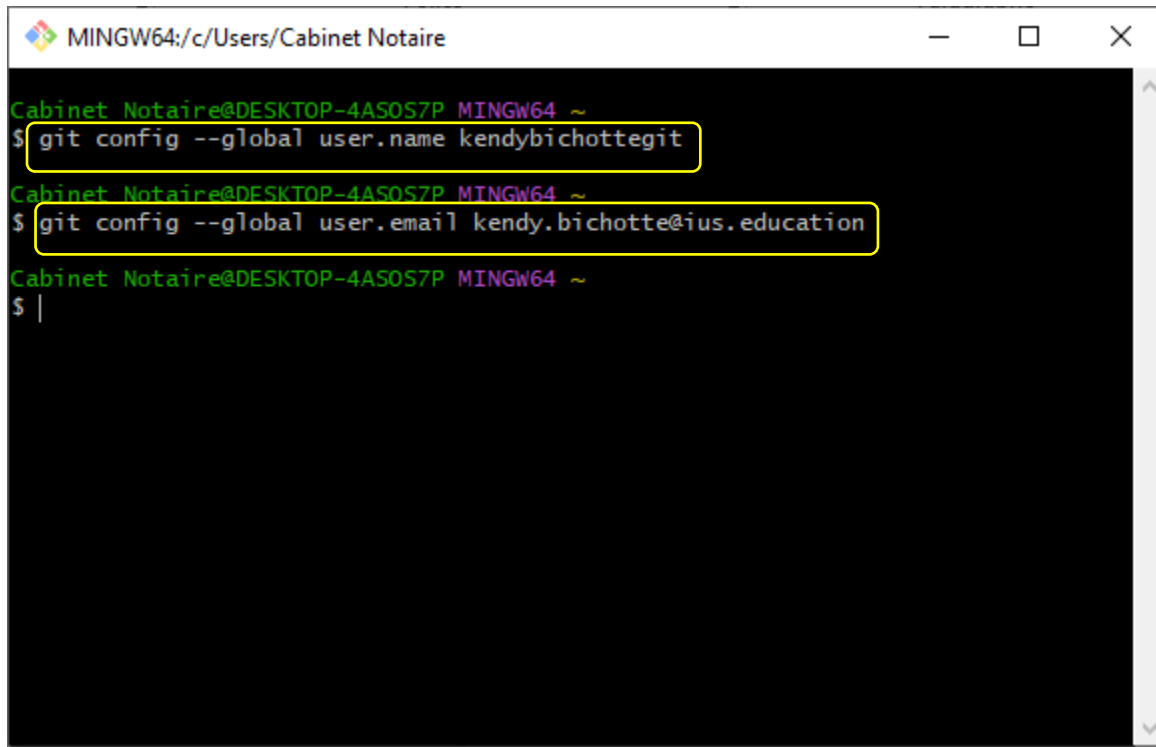
Mot de pase

Etape 4- Configuration de Git

a) Pour la configuration personnelle de Git :

J'ai utilisé un nom d'utilisateur (user name) et un email.

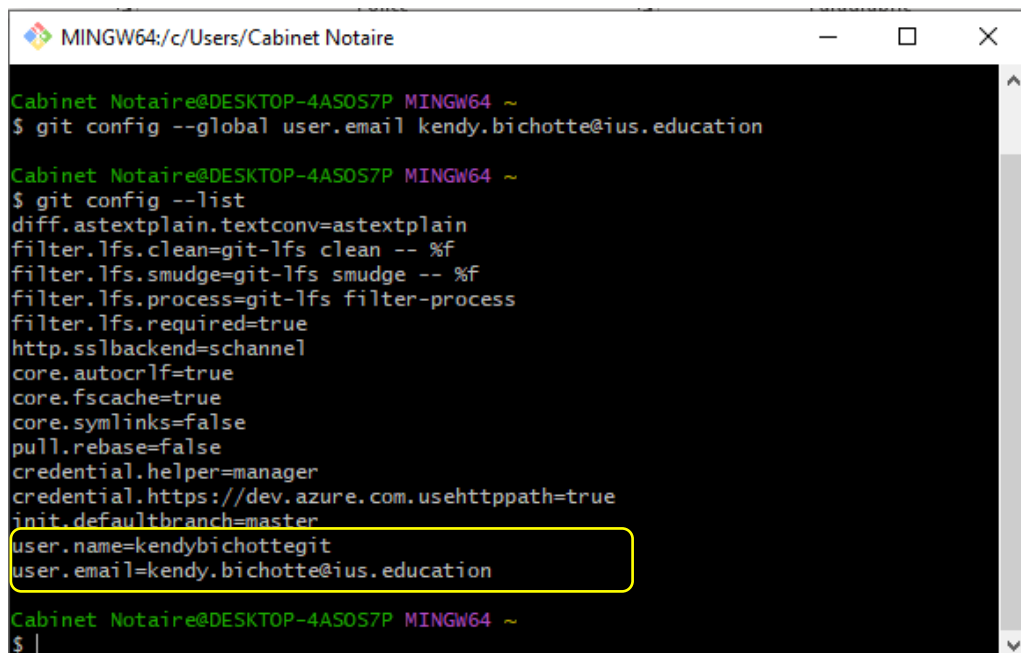
Dans cette image, il y a les deux commandes utilisées.



A terminal window titled 'MINGW64:/c/Users/Cabinet Notaire' with a dark background. The prompt is 'Cabinet Notaire@DESKTOP-4ASOS7P MINGW64 ~'. Two commands are entered and highlighted with yellow boxes: `git config --global user.name kendybichottegit` and `git config --global user.email kendy.bichotte@ius.education`. The cursor is on a new line after the second command.

```
Cabinet Notaire@DESKTOP-4ASOS7P MINGW64 ~
$ git config --global user.name kendybichottegit
Cabinet Notaire@DESKTOP-4ASOS7P MINGW64 ~
$ git config --global user.email kendy.bichotte@ius.education
Cabinet Notaire@DESKTOP-4ASOS7P MINGW64 ~
$ |
```

b) Pour vérifier la configuration avec : **git config --list**



A terminal window titled 'MINGW64:/c/Users/Cabinet Notaire' with a dark background. The prompt is 'Cabinet Notaire@DESKTOP-4ASOS7P MINGW64 ~'. The command `git config --list` is entered. The output is a list of configuration settings. The last two lines, `user.name=kendybichottegit` and `user.email=kendy.bichotte@ius.education`, are highlighted with a yellow box. The cursor is on a new line after the output.

```
Cabinet Notaire@DESKTOP-4ASOS7P MINGW64 ~
$ git config --global user.email kendy.bichotte@ius.education

Cabinet Notaire@DESKTOP-4ASOS7P MINGW64 ~
$ git config --list
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
http.sslbackend=schannel
core.autocrlf=true
core.fscache=true
core.symlinks=false
pull.rebase=false
credential.helper=manager
credential.https://dev.azure.com.usehttppath=true
init.defaultbranch=master
user.name=kendybichottegit
user.email=kendy.bichotte@ius.education
Cabinet Notaire@DESKTOP-4ASOS7P MINGW64 ~
$ |
```

Etape 5- Test de Git avec PowerShell

a) création d'un dossier de test

```
MINGW64:/c/Users/Cabinet Notaire/Desktop
Cabinet Notaire@DESKTOP-4ASOS7P MINGW64 ~
$ ls
'3D Objects'/
AppData/
'Application Data'@
Contacts/
Cookies@
Desktop/
Documents/
Downloads/
Favorites/
Links/
'Local Settings'@
Music/
'My Documents'@
NTUSER.DAT
NTUSER.DAT{27ba5818-6027-11f0-b4d8-acb57d6b4729}.TM.b1f
NTUSER.DAT{27ba5818-6027-11f0-b4d8-acb57d6b4729}.TMContainer00000000000000000000
1.regtrans-ms
NTUSER.DAT{27ba5818-6027-11f0-b4d8-acb57d6b4729}.TMContainer00000000000000000000
2.regtrans-ms
NetHood@
OneDrive/
Pictures/
```

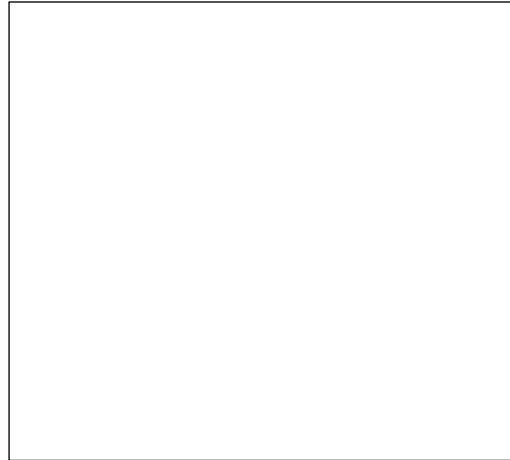
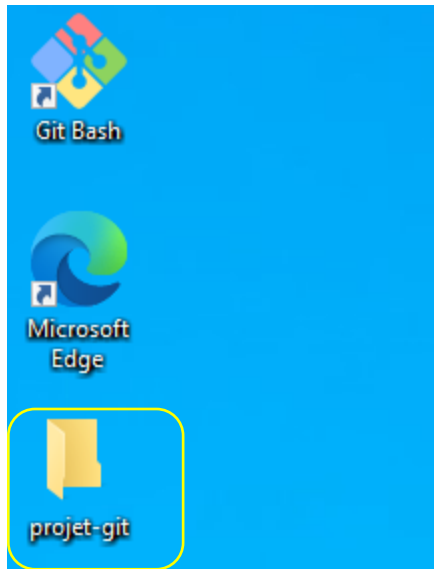
```
MINGW64:/c/Users/Cabinet Notaire/Desktop
Pictures/
PrinHood@
Recent@
'Saved Games'/
Searches/
SendTo@
'Start Menu'@
Templates@
Videos/
ntuser.dat.LOG1
ntuser.dat.LOG2
ntuser.ini

Cabinet Notaire@DESKTOP-4ASOS7P MINGW64 ~
$ cd Desktop

Cabinet Notaire@DESKTOP-4ASOS7P MINGW64 ~/Desktop
$ mkdir projet-git

Cabinet Notaire@DESKTOP-4ASOS7P MINGW64 ~/Desktop
$ cd projet-gti
bash: cd: projet-gti: No such file or directory

Cabinet Notaire@DESKTOP-4ASOS7P MINGW64 ~/Desktop
$ |
```



b)Initialisation du dépôt avec : git init

```
Cabinet Notaire@DESKTOP-4AS0S7P MINGW64 ~/Desktop
$ git init
Initialized empty Git repository in C:/Users/Cabinet Notaire/Desktop/.git/

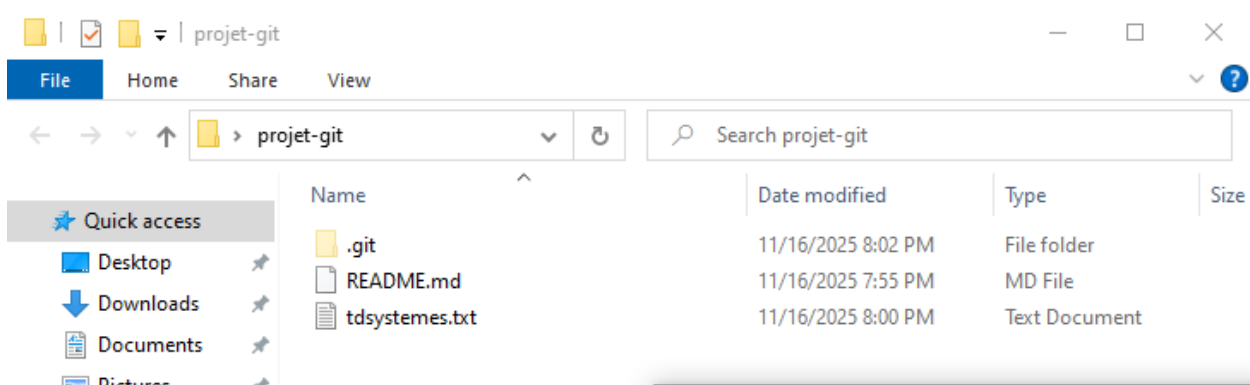
Cabinet Notaire@DESKTOP-4AS0S7P MINGW64 ~/Desktop (master)
$ |
```

c)Création d'un fichier

En utilisant les différentes commandes, j'ai créé un fichier .txt dans le dossier projet-git.

```
Windows PowerShell
-a----      11/16/2025    7:25 PM                70 .gitconfig
-a----      11/16/2025    7:30 PM                20 .lessht

PS C:\Users\Cabinet Notaire> cd Desktop
PS C:\Users\Cabinet Notaire\Desktop> cd projet-git
PS C:\Users\Cabinet Notaire\Desktop\projet-git> git init
Reinitialized existing Git repository in C:/Users/Cabinet Notaire/Desktop/projet-git/.git/
PS C:\Users\Cabinet Notaire\Desktop\projet-git> echo "Hello Git!" > tdsystemes.txt
PS C:\Users\Cabinet Notaire\Desktop\projet-git> git add tdsystemes.txt
PS C:\Users\Cabinet Notaire\Desktop\projet-git> git commit -m "Premier commit avec PowerShell"
[master (root-commit) 057d63b] Premier commit avec PowerShell
 2 files changed, 1 insertion(+)
 create mode 100644 README.md
 create mode 100644 tdsystemes.txt
PS C:\Users\Cabinet Notaire\Desktop\projet-git> git status
On branch master
nothing to commit, working tree clean
PS C:\Users\Cabinet Notaire\Desktop\projet-git> █
```

Voici, les deux résultats avec les fichiers : readme.md et tdsystemes.txt

d) Historique des commits avec : git log

```
PS C:\Users\Cabinet Notaire\Desktop\projet-git> git log
commit 057d63b617c03e6fe55a7f52c8840098b2bb4021 (HEAD -> master)
Author: kendy.bichottegit <kendy.bichotte@ius.education>
Date: Sun Nov 16 20:02:23 2025 -0500

    Premier commit avec PowerShell
PS C:\Users\Cabinet Notaire\Desktop\projet-git>
```

Etape 6-Génération d'une clé SSH

```
Windows PowerShell

Premier commit avec PowerShell
PS C:\Users\Cabinet Notaire\Desktop\projet-git> cd..
PS C:\Users\Cabinet Notaire\Desktop> cd..
PS C:\Users\Cabinet Notaire> ssh-keygen -t rsa -b 4096 -C "kendy.bichotte@ius.education"
Generating public/private rsa key pair.
Enter file in which to save the key (C:\Users\Cabinet Notaire/.ssh/id_rsa):
Created directory 'C:\Users\Cabinet Notaire/.ssh'.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Passphrases do not match. Try again.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in C:\Users\Cabinet Notaire/.ssh/id_rsa.
Your public key has been saved in C:\Users\Cabinet Notaire/.ssh/id_rsa.pub.
The key fingerprint is:
SHA256:YMD6r0HwzLTxWMMRf9GOVMYzgIrAUBaiVMV6iqRlEXJs kendy.bichotte@ius.education
The key's randomart image is:
+---[RSA 4096]-----+
|oo.*=+o. oo oo+|
|...+O.o.. .o +.|
|.o+E..o..o o +|
|.+. * o =. o . .|
|o . * o S|
|...|
|..|
|..|
|..|
+-----[SHA256]-----+
PS C:\Users\Cabinet Notaire>
```

b-Affichage de la clé publique générée

```
Windows PowerShell
PS C:\Users\Cabinet Notaire> cat ~/.ssh/id_rsa
-----BEGIN OPENSSH PRIVATE KEY-----
b3B1bnNzaC1rZXktbjEAAAAACmF1czI1Ni1jdHIAAAAGYmNyeXB0AAAAAGAAAABBIEBT8jU
Co02BCJD/PrywXAAAAEAAAAEAAAIxAAAAAB3NzaC1yc2EAAAADAQABAAQCAQC8cycsUkg1
17nUCADcGjftSezfzAT/unsDeQOqG1ku90dN7R0JG/Uj1a5BQ+sxMEh1URoYOozQ0hHBvu
HEroSqPGLNuuYy/QTib9ynCbZXw+jhc61OBQeV9MRoZXFW+YW63TfgmMJJGvJhNIKJRKfJ
GSNv2jbsVObi4aPN8W3jAflrdkhm1Rxj5YvV6K2pCnDNZmY0dgJJL0+EAFx01ODT8x019B
ki5goBueOMg8uvQ8m7yUuysbo52T8oe/+RMWLWE+HaVtPyEtw5QUEpwL869RizdeN6dEHZ
1oSRLJilc31gqxFM0gRvDC54yRLjVJdtDE3X6Nr0I+LzKCGmLwJwdJbW70804whRf0eHgK
jfd1p6xp9PFqtuw4vyl08ZW8oVxtQtFhnUIVL0YxhnmpitiWjIT0A18AH0aTd3Sd0ikso43
ZeEFYF/pn8yXOK1PFhwEUJ0eoan51ifJVKr9nX9WEifBF2V68hK2i5ZyLb1WCXPbX3P5M
PoF+hdELUJ51Ea/JAjqxwo83UM8o8sjbBx66CLOie1OVhNiMwPnGRs5aaA3hJ6otkwZZ
Kkt4XHOjbqNJ7d0BxNPIphm6TFzjLzQMgJfbzyci7Wa9A5gTKuWsYba7jSikuJLrqWu+PS
S+KtZfZ6mDzKvWqfrhLcnAswFQXJPIy81cT2kOXpgqeQAAB2BP4r7nj/5644XKtJzZwe1x
Vx7CTdTnwGfC0pwbtkD7FcuHNhMPA1ZKi08LtSE0IuFVJD+wbil/UduiGzDY0UKKcwXHj5
mN+bz9hC9eBFbP1Rjy3ArHHgCuSBLZm4NCuat1Xb1HaV3aKcAyGbrtqmJBN7WIfbmeGEvn
Br2Y1yK8FbQzFY5hgUHTREdIKguWnprZ1Z6waWIVJK8Bvo1CE/9j9/k12FPuIPo3nR12g/
QbSEr8dAhXNG0AAQu16tFTCFfdTspATG4h1SO+jborKCb2p85MwBYf05ezakB8ERsBRzY3
ySIMOq8b2y/coVZH/YW0BaB7E0py+rBxftCG0vEIE2EtS2drtxqRzj98cm/r5o5tZRZ5YO
qHbqYbYa8uTow3RkxrTTYV/++wsTlrFiMBZBSTGVwU8sfZfVYB5PDMTFgouSaKbUWeKKQ
yB+J+xG19sm50izU0qz38DeFfSpgD1Pj/LV9rLo6GGnFJbqDL2JRXYAysKeEMR+X5WZPSc
0v4GTNZzssWTPf1ek5rMh1w9RKSfMu+fPGL10VwxtzT6eefqZiItTspWH/slpXG0QdCxUmr2
ftvc1vz501mj98ww2vN2RIYLXiXGr/3upjTN804NhAv+AsRa5B5oCw7FTBqeciTOBp8WNO
0edZIAez0vo+60KzG5VsYg2udIx1Mn1oD+hY4np+Uj1ifw9Ga0f4vIv78dZadnCrt1mmX
wbBDEIwY0bOFWZ21DxTpKdEf9MkYxMXmDatN0GOQrEzfM6NjDiOj35R46QnteHHGw7HfKO
OZ5Hw9SLdDXQ7GG7J/z+rjS8CEIMky9aFa7bsD7Gq10R+EdR1hWpz8aAb8bRgZkdPfu8G
dihTcQf1PiVH75FafAVapmdB28LtUch8iDP+btHeXxvay/hh9/6ufnoAkjEx7uyzLXupj7
IuCMXrDnx0AiKVHEFFd0bR8aZKK+pD8nAsns+wWGNFq+mjBLG1UK6R0aksDC1yRBrm1M0
mSbj2VAozFNO4k76Lv00ZhV6ImfXqZCfy0qa0JdrOfwg8N4VUvYuPXH9UNoGHJ/vWly9ly+
cC4aiNbDk2w+JRP85h2+0cwhr4SdQhCRPDGX6XiUqGYDTtEfSQNaTdbVRgR+dqJ2o7dLxW
dVZW81xeDLbFpmuJfUKAAaAQFMWzBvltfXdywXP/i198QSj9ZfzqTnengceFo1Kd5K+DcC
NWyYjU34L7Ms+mDMWqhGHRn2LmGBpkmpeniECvoAX6Ow5Ek1MLTps5ztVH6W8SuhP+7A+Z
zZ+6Zk/BvoxC3g4NeEqwg08wA9yUun9/oCyUDBgfbak6sfejenrcnLWE+X2koTg4PCDtrW
GxG1C89mzgcp4tuV1jj8aKe3OHuypDtnunAtW0WtmCV5WYSwpXUyFbZ6nJW+h1fQB7ub/
gV2fV65TYn7ipxgDXq4n6+DCNMDthWUMZakDQp+OPsduVkD0QtGP9iucavaReV7JNOvTBq
iC+j2v/rs001kdKxd7tZapRdv0EfvrFxt8KUNRMmorT1CaCm8Tdcwby3tQvy3G6ts6YBeK
8IY1CXY9E2uX4kUvFd9qNb8Q6nw37hKHHWNEGTOFY3RRnKQeWYg0j3J4jmLyH9QGy66NYb
8IY1CXY9E2uX4kUvFd9qNb8Q6nw37hKHHWNEGTOFY3RRnKQeWYg0j3J4jmLyH9QGy66NYb
0GXncUwPi6o411of3d8XEhVk/1Yq9e7ZA5nqgEn1mz7MqckSFY/TuheYb30RaRiIRhI2X
BHyyL0hANhAlq5ygg5ZVUkg+/MgWxrB1riiOyOT8t664JCbYUDvsPHYwcY8A1x6yv8drfi
neU8gKK6BIRLuIIuuSKKcipszv+iDj+ZnCsSp1f2ZORhBe2Ggxjt6Z27Gcev+HJzI1U98s
GTPDepkKwGMNLiV+MfmROFU3QxtGCTadhGZa614A0vAiRey+M1YUjg3G0nXNkw9cdFI/HB
+atWtKSdvdqwc1rh8X0vOUehxuoEDrDM0XcAjtU3+9f9m5FzI/kCqCJ5G9BWhEcw6a5P5p
kbQHRMSgScutU4Cs9wFRhI+I9oefS4ocdtbh6McHe9Uq3L2GFj51AtUiP6x8L3t3oFFN4b
ZiBf2gwUMLjmB83XUiSoqHeKTWH/Ut40hAbzd1RMGVF4GztjS8CSqEyJPjvL/bbDvL6IM4
/IfoKsOKF/ohg+teLqxJZqKKVKaZHvDI+u53Pcd71kA1KzUi27Ut3hM5qz3s3sLSRoYm8
5XSdMtMtInf7GzCLNe6DAXKmXSm+RGoc4axEnybS/AN8sDbD00A3bd5Lg2Vpc8oKfWNDDW
HcNhEvoe+y0zz0a0gBdLJEebm0ze93MIrJ5fs1E4i/xj7BqW5EURE+KNRPrI7ucVWfhOfy
u/mdR3WMM0OuNpAfj44cnAGzHLgR0thgNL76fvwFNeEAWuaXssvstaNPV9GQohAQuFGgZW
M6b+Nw3lquq5s9jbYnVewPgS4VA7920K4pvaAuU3Ymg3ZWDEM2qWZKacD8ULmEiCu4ErnC
lgyiBH6pgpzTStoGwBMZr0gyVnSZJVCIEAXm1fo9tSvCK
-----END OPENSSH PRIVATE KEY-----
PS C:\Users\Cabinet Notaire>
```

- Copie la clé dans GitHub

The image shows two screenshots from the GitHub website. The top screenshot is the GitHub 'Home' dashboard for user 'kendybichotte'. It features a search bar, navigation links like 'Create repository' and 'Import repository', and a 'Getting started' section with options to 'Create your first code project', 'Start a Copilot chat', and 'Complete your profile'. A dropdown menu on the right shows various settings, with 'Settings' highlighted. The bottom screenshot is the 'Settings' page for 'kendybichotte'. The left sidebar lists various settings categories, with 'SSH and GPG keys' highlighted. The main content area shows sections for 'SSH keys', 'GPG keys', and 'Vigilant mode'. In the 'SSH keys' section, a 'New SSH key' button is highlighted. In the 'GPG keys' section, a 'New GPG key' button is visible. The 'Vigilant mode' section includes a checkbox for 'Flag unsigned commits as unverified'.

Home

Ask anything

+ Add repositories, files, and spaces

Task [New](#) Create issue Spark

Getting started 0/3 complete

☐ Create your first code project

Create a project on GitHub. It's your own space to experiment, learn, and share code with the world.

[Create project](#)

☐ Start a Copilot chat

☐ Complete your profile

[Settings](#)

[Copilot settings](#)

[Feature preview](#) [New](#)

[Appearance](#)

[Accessibility](#)

[Try Enterprise](#) [Free](#)

[Sign out](#)

[Go to your personal profile](#)

[SSH and GPG keys](#)

[New SSH key](#)

[New GPG key](#)

☐ Flag unsigned commits as unverified

This will include any commit attributed to your account but not signed with your GPG or S/MIME key. Note that this will include your existing unsigned commits. [Learn about vigilant mode.](#)

- Public profile
- Account
- Appearance
- Accessibility
- Notifications

Access

- Billing and licensing
- Emails
- Password and authentication
- Sessions
- SSH and GPG keys**
- Organizations
- Enterprises
- Moderation

Code planning and automation

Add new SSH Key

Title

key win

Key type

Authentication Key

Key

```
-----BEGIN OPENSSH PRIVATE KEY-----
b3wK3dVdQwcmB83XUiSoqHeKtWH/Ut40hAbzd1RMGVF4GzTJS8CSqEyJPjvL/bbDvL6IM4
ZiBf2gwUMLjM883XUiSoqHeKtWH/Ut40hAbzd1RMGVF4GzTJS8CSqEyJPjvL/bbDvL6IM4
/f0KSOKF/ohg+teLqxdZqKKVKaZHVvDI+u53Pcd71kA1KzUi27Ut3hM5qz3sJLSRoYM8
5XSdMtMtf7GzclNe6DAxKmXSm+RGoc4axEnybs/AN8sDbD0OA3bd5Lg2Vpc8oKFWNDdW
HcNhEvoe+y0zz0aOgBdLJEebm0ze93MirJSfs1E4i/xg7BqW5EURE+KNRpRI7ucVKfhOFy
u/mdR3WMmOOuNpAfj44cnAGzHLgR0thgNL76fwwFNeEAWuaXssvstaNPV9GQohAQufGgZW
M6b+Nw3lquq5s9jbYnVewPgS4VA792OK4pvaAu3Ymg3ZWDEM2qWZKacD8ULmEiCu4EmC
lgyiBH6pgpzTStoGwBMZr0gyVnsZJVQCIEAXm1fo9t5vCK
-----END OPENSSH PRIVATE KEY-----
```

Add SSH key

Etape 7-Creation d'un dépôt GitHub

Settings

Type to search

kendybichotte (kendybichotte)
Your personal account

- Public profile
- Account
- Appearance
- Accessibility
- Notifications

SSH keys

There are no SSH keys associated with your account.

Check out our guide to [connecting to GitHub using SSH keys](#) or troubleshoot [common SSH problems](#).

GPG keys

New GPG key

- New issue
- New repository**
- Import repository
- New codespace
- New gist
- New organization
- New project


Create a new repository

Repositories contain a project's files and version history. Have a project elsewhere? [Import a repository](#).

Required fields are marked with an asterisk (*).

1 General

Owner *

 kendybichotte ▾

Repository name *

SystemesTd

✓ SystemesTd is available.

Great repository names are short and memorable. How about [symmetrical-potato?](#)

Description


Mon premier td du cours systemes

32 / 350 characters

2 Configuration

Choose visibility *

Choose who can see and commit to this repository

 Public ▾

Add README

READMEs can be used as longer descriptions. [About READMEs](#)

On ☒

Add .gitignore

.gitignore tells git which files not to track. [About ignoring files](#)

No .gitignore ▾

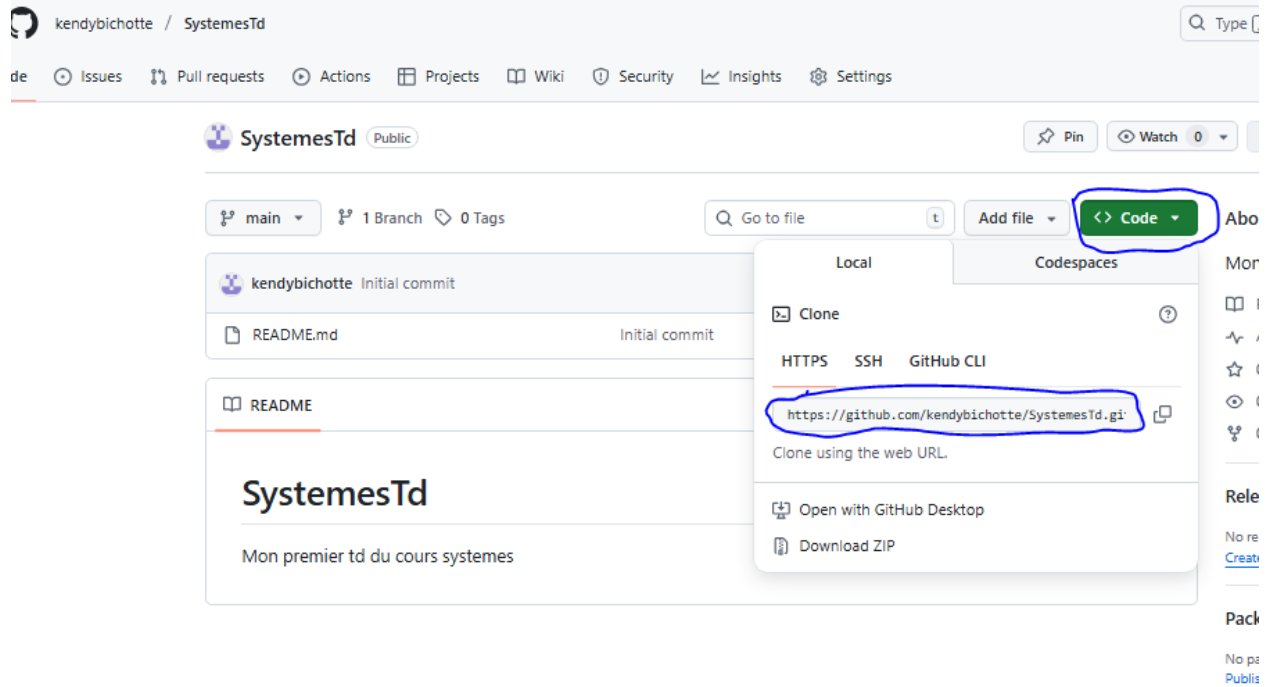
Add license

Licenses explain how others can use your code. [About licenses](#)

No license ▾

Create repository

Etape 8 – Clonage d'un dépôt GitHub via SSH



```
PS C:\Users\Cabinet Notaire\Desktop\projet-git> cd..
PS C:\Users\Cabinet Notaire\Desktop> cd SystemesTd
PS C:\Users\Cabinet Notaire\Desktop\SystemesTd> git clone https://github.com/kendybichotte/SystemesTd.git
Cloning into 'SystemesTd'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.
PS C:\Users\Cabinet Notaire\Desktop\SystemesTd> cd SystemesTd
PS C:\Users\Cabinet Notaire\Desktop\SystemesTd\SystemesTd> echo "Systeme d'exploitation!" > Module.txt
PS C:\Users\Cabinet Notaire\Desktop\SystemesTd\SystemesTd> git add .
PS C:\Users\Cabinet Notaire\Desktop\SystemesTd\SystemesTd> 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

PS C:\Users\Cabinet Notaire\Desktop\SystemesTd\SystemesTd> git commit -m "Ajout Module"
[main 745e83e] Ajout Module
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 Module.txt
PS C:\Users\Cabinet Notaire\Desktop\SystemesTd\SystemesTd> git branch -M main
PS C:\Users\Cabinet Notaire\Desktop\SystemesTd\SystemesTd> git push -u origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 2 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 333 bytes | 11.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/kendybichotte/SystemesTd.git
 6f440f4..745e83e  main -> main
branch 'main' set up to track 'origin/main'.
PS C:\Users\Cabinet Notaire\Desktop\SystemesTd\SystemesTd>
```

>

SystemesTd

>

SystemesTd

Name	Date modified	Type	Size
<div></div> <div>.git</div>	11/16/2025 9:20 PM	File folder	
<div></div> <div>Module.txt</div>	11/16/2025 9:15 PM	Text Document	
<div></div> <div>README.md</div>	11/16/2025 9:14 PM	MD File	

SystemesTd

Public

Pin

main

1 Branch

0 Tags

Go to file

t

Add file

<

Module.txt

Ajout Module

9 m

README.md

Initial commit

33 m

README

SystemesTd

Le travail de test a été laissé dans ce TD, toutefois le contenu précis du devoir sera mis dans les pages qui suivent.

The screenshot shows the GitHub profile page for user 'kendybichotte'. The profile picture is a purple and white pixelated 'L' shape. The page indicates 'You don't have any public repositories yet.' and shows '6 contributions in the last year' with a calendar grid. A dropdown menu is open on the right, with 'New repository' highlighted by a blue circle. Other options include 'New issue', 'Import repository', 'New codespace', 'New gist', 'New organization', and 'New project'. The year '2025' is also visible in the dropdown.

GitHub profile page for **kendybichotte**. The page shows the user's profile picture, a message stating "You don't have any public repositories yet.", and a contribution graph showing 6 contributions in the last year. A dropdown menu is open on the right, displaying options: New issue, **New repository** (highlighted), Import repository, New codespace, New gist, New organization, and New project. The year 2025 is also visible in the dropdown.

Create a new repository

Repositories contain a project's files and version history. Have a project elsewhere? [Import a repository](#).
Required fields are marked with an asterisk (*).

- General**

Owner * kendybichotte / Repository name * TD
TD is available.

Great repository names are short and memorable. How about [psychic-spoon](#)?

Description

0 / 350 characters
- Configuration**

Choose visibility *
Choose who can see and commit to this repository Public

Add README
READMEs can be used as longer descriptions. [About READMEs](#) On

Add .gitignore
.gitignore tells git which files not to track. [About ignoring files](#) No .gitignore

Add license
Licenses explain how others can use your code. [About licenses](#) No license

[Create repository](#)

2-Clonage du dépôt sur le Bureau (Desktop)

```
Windows PowerShell
PS C:\Users\Cabinet Notaire\Desktop> git clone https://github.com/kendybichotte/TD.git
Cloning into 'TD'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.
PS C:\Users\Cabinet Notaire\Desktop>
```

Pour cloner le dépôt GitHub : j'ai utilisé git clone

3-Creation des dossiers dans TD

```

PS C:\Users\Cabinet Notaire\Desktop> cd TD
PS C:\Users\Cabinet Notaire\Desktop\TD> mkdir system

Directory: C:\Users\Cabinet Notaire\Desktop\TD

Mode                LastWriteTime         Length Name
----                -
d-----          11/18/2025  12:45 PM             system

PS C:\Users\Cabinet Notaire\Desktop\TD> mkdir reseaul

Directory: C:\Users\Cabinet Notaire\Desktop\TD

Mode                LastWriteTime         Length Name
----                -
d-----          11/18/2025  12:46 PM             reseaul

PS C:\Users\Cabinet Notaire\Desktop\TD> cd system
PS C:\Users\Cabinet Notaire\Desktop\TD\system> mkdir projet

Directory: C:\Users\Cabinet Notaire\Desktop\TD\system

Mode                LastWriteTime         Length Name
----                -
d-----          11/18/2025  12:46 PM             projet

```

```

PS C:\Users\Cabinet Notaire\Desktop\TD\system> mkdir image

Directory: C:\Users\Cabinet Notaire\Desktop\TD\system

Mode                LastWriteTime         Length Name
----                -
d-----          11/18/2025  12:46 PM             image

PS C:\Users\Cabinet Notaire\Desktop\TD\system> mkdir presentation

Directory: C:\Users\Cabinet Notaire\Desktop\TD\system

Mode                LastWriteTime         Length Name
----                -
d-----          11/18/2025  12:47 PM             presentation

```

```

PS C:\Users\Cabinet Notaire\Desktop\TD\system> cd ..
PS C:\Users\Cabinet Notaire\Desktop\TD> cd reseau1
PS C:\Users\Cabinet Notaire\Desktop\TD\reseau1> mkdir projet

Directory: C:\Users\Cabinet Notaire\Desktop\TD\reseau1

Mode                LastWriteTime         Length Name
----                -
d-----          11/18/2025  12:48 PM                projet

PS C:\Users\Cabinet Notaire\Desktop\TD\reseau1> mkdir image

Directory: C:\Users\Cabinet Notaire\Desktop\TD\reseau1

Mode                LastWriteTime         Length Name
----                -
d-----          11/18/2025  12:48 PM                image

PS C:\Users\Cabinet Notaire\Desktop\TD\reseau1> mkdir presentation

Directory: C:\Users\Cabinet Notaire\Desktop\TD\reseau1

Mode                LastWriteTime         Length Name
----                -
d-----          11/18/2025  12:48 PM                presentation

PS C:\Users\Cabinet Notaire\Desktop\TD\reseau1> cd..
PS C:\Users\Cabinet Notaire\Desktop\TD>

```

cd : pour changer de répertoire

mkdir : pour créer un répertoire

cd .. : pour remonter au répertoire précédent

4-Hebergement du rapport et des images

Conclusion

Git et GitHub sont deux supports très importants dans monde informatique. Dans ce travail, j'ai appris comment installer et configurer les deux supports. Comment je peux les utiliser pour créer et héberger des dépôts

Pour y arriver, j'ai dû faire et refaire certaines manipulations pour mieux comprendre l'importance de git et GitHub.

Malheureusement, j'ai rencontré un problème avec la configuration de la clé SSH, j'ai dû utiliser le HTTPS pour cloner mon repository en local.