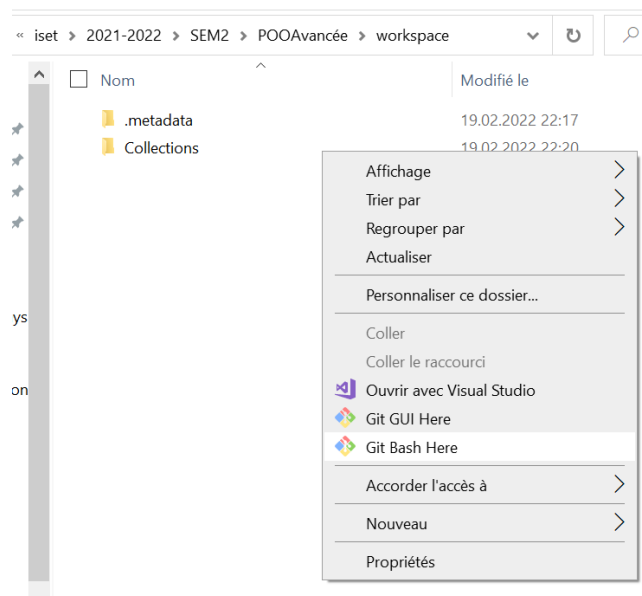


GitHub Basique

- 1- Créer un compte github : <https://github.com/>
- 2- Installer le logiciel Git : <https://git-scm.com/downloads>
- 3- Configurer en local votre compte en tapant les deux commandes suivantes dans l'invite de commandes DOS de WINDOWS :
 - a- git config --global user.email "votre email du compte github"
 - b- git config --global user.name "votre username"
- 4- Accéder à votre Workspace → click droit → Git bash HERE



- 5- Taper la commande : **git init**

```

MINGW64:/d/safa/iset/2021-2022/SEM2/POOAvancée/workspace
safaa@DESKTOP-CM96QDT MINGW64 /d/safa/iset/2021-2022/SEM2/POOAvancé
$ git init
Initialized empty Git repository in D:/safa/iset/2021-2022/SEM2/POO
pace/.git/
safaa@DESKTOP-CM96QDT MINGW64 /d/safa/iset/2021-2022/SEM2/POOAvancé
master)
$

```

6- Taper la commande **git status**

```
MINGW64:/d/safa/iset/2021-2022/SEM2/POOAvanc  e/workspace
pace/.git/
safaa@DESKTOP-CM96QDT MINGW64 /d/safa/iset/2021-2022/SEM2/POOAvanc  e
(master)
$ git status
On branch master

No commits yet

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

nothing added to commit but untracked files present (use "git add"
to track)
safaa@DESKTOP-CM96QDT MINGW64 /d/safa/iset/2021-2022/SEM2/POOAvanc  e
e/workspace (master)
$
```

7- Puis la commande **git add --all**

```
MINGW64:/d/safa/iset/2021-2022/SEM2/POOAvanc  e/workspace
to track)
safaa@DESKTOP-CM96QDT MINGW64 /d/safa/iset/2021-2022/SEM2/POOAvanc  e
e/workspace (master)
$ git add --all
warning: LF will be replaced by CRLF in .metadata/.log.
The file will have its original line endings in your working direct
ory
warning: LF will be replaced by CRLF in .metadata/.plugins/org.ecli
pse.jdt.core/savedIndexNames.txt.
The file will have its original line endings in your working direct
ory
warning: LF will be replaced by CRLF in .metadata/.plugins/org.ecli
pse.m2e.logback.configuration/logback.1.16.3.20211002-1029.xml.
The file will have its original line endings in your working direct
ory
safaa@DESKTOP-CM96QDT MINGW64 /d/safa/iset/2021-2022/SEM2/POOAvanc  e
e/workspace (master)
$
```

- 8- Maintenant si on tape la commande **git status**, ça marche : git connaît le contenu de notre projet

```
MINGW64:/d/safa/iset/2021-2022/SEM2/POOAvancée/workspace

safaa@DESKTOP-CM96QDT MINGW64 /d/safa/iset/2021-2022/SEM2/POOAvancée/workspace (master)
$ git status
On branch master

No commits yet

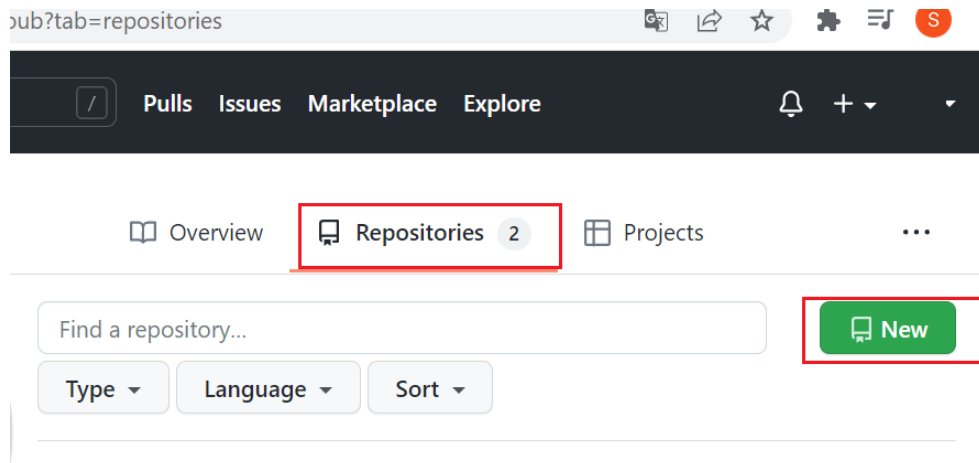
Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   .metadata/.lock
    new file:   .metadata/.log
    new file:   .metadata/.mylyn/repositories.xml.zip
    new file:   .metadata/.plugins/org.eclipse.core.resources/.history/10/b0637917cc91001c1e9db42b7802f892
    new file:   .metadata/.plugins/org.eclipse.core.resources/.history/18/5078dfb6cb91001c1e9db42b7802f892
    new file:   .metadata/.plugins/org.eclipse.core.resources/.history/1c/10062d94cb91001c1e9db42b7802f892
    new file:   .metadata/.plugins/org.eclipse.core.resources/.history/25/60de8321d391001c1e9db42b7802f892
    new file:   .metadata/.plugins/org.eclipse.core.resources/.history/31/20c34f0acf91001c1e9db42b7802f892
    new file:   .metadata/.plugins/org.eclipse.core.resources/.history/32/60dd79bed291001c1e9db42b7802f892
    new file:   .metadata/.plugins/org.eclipse.core.resources/.history/35/500be8c7c991001c1e9db42b7802f892
    new file:   .metadata/.plugins/org.eclipse.core.resources/.history/36/108b713dcc91001c1e9db42b7802f892
    new file:   .metadata/.plugins/org.eclipse.core.resources/.history/63/d0c81bf7c991001c1e9db42b7802f892
```

- 9- Effectuons notre premier commit : **git commit -m "your message"**

```
MINGW64:/d/safa/iset/2021-2022/SEM2/POOAvancée/workspace

safaa@DESKTOP-CM96QDT MINGW64 /d/safa/iset/2021-2022/SEM2/POOAvancée/workspace (master)
$ git commit -m "exercice1 OK"
[master (root-commit) 59277b5] exercice1 OK
103 files changed, 4222 insertions(+)
 create mode 100644 .metadata/.lock
 create mode 100644 .metadata/.log
 create mode 100644 .metadata/.mylyn/repositories.xml.zip
 create mode 100644 .metadata/.plugins/org.eclipse.core.resources/.history/10/b0637917cc91001c1e9db42b7802f892
 create mode 100644 .metadata/.plugins/org.eclipse.core.resources/.history/18/5078dfb6cb91001c1e9db42b7802f892
 create mode 100644 .metadata/.plugins/org.eclipse.core.resources/.history/1c/10062d94cb91001c1e9db42b7802f892
 create mode 100644 .metadata/.plugins/org.eclipse.core.resources/.history/25/60de8321d391001c1e9db42b7802f892
 create mode 100644 .metadata/.plugins/org.eclipse.core.resources/.history/31/20c34f0acf91001c1e9db42b7802f892
 create mode 100644 .metadata/.plugins/org.eclipse.core.resources/.history/32/60dd79bed291001c1e9db42b7802f892
 create mode 100644 .metadata/.plugins/org.eclipse.core.resources/.history/35/500be8c7c991001c1e9db42b7802f892
 create mode 100644 .metadata/.plugins/org.eclipse.core.resources/.history/36/108b713dcc91001c1e9db42b7802f892
 create mode 100644 .metadata/.plugins/org.eclipse.core.resources/.history/63/d0c81bf7c991001c1e9db42b7802f892
 create mode 100644 .metadata/.plugins/org.eclipse.core.resources/.history/69/90cdeff0d291001c1e9db42b7802f892
 create mode 100644 .metadata/.plugins/org.eclipse.core.resources/.history/6a/2...
```

On va collaborer notre projet avec d'autres personnes en utilisant github
10- Accéder à votre compte github et créer un nouveau répertoire





11- Saisir le nom du projet puis valider

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 *

 SafaMejdoub / 

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

Description (optional)

☒  **Public**
Anyone on the internet can see this repository. You choose who can commit.

☐  **Private**
You choose who can see and commit to this repository.

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

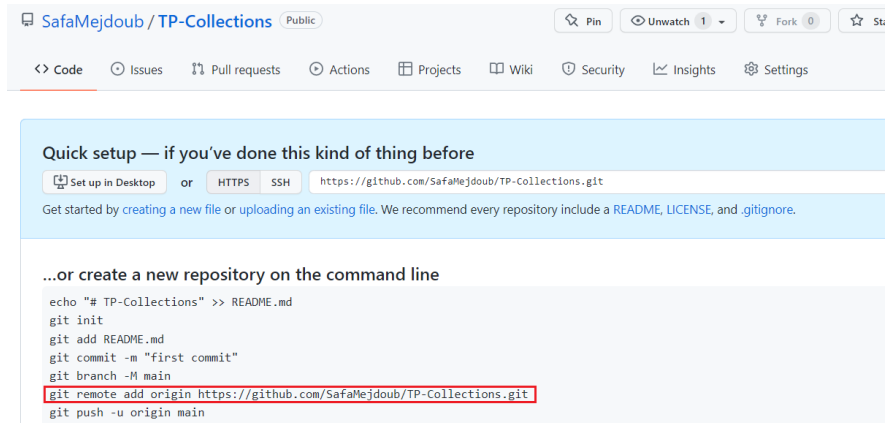
☐ **Add a README file**
This is where you can write a long description for your project. [Learn more.](#)

☐ **Add .gitignore**
Choose which files not to track from a list of templates. [Learn more.](#)

☐ **Choose a license**
A license tells others what they can and can't do with your code. [Learn more.](#)

12- Le nouveau répertoire est créé et une nouvelle page s'affiche.

Copier à partir de cette page la commande **git remote add origin " URL du Projet "**



Exécuter la commande dans le git

```
create mode 100644 Collections/.classpath
create mode 100644 Collections/.project
create mode 100644 Collections/.settings/org.eclipse.jdt.core.prefs
create mode 100644 Collections/bin/Compte.class
create mode 100644 Collections/bin/Test.class
create mode 100644 Collections/bin/Titulaire.class
create mode 100644 Collections/bin/testttt.class
create mode 100644 Collections/src/Compte.java
create mode 100644 Collections/src/Test.java
create mode 100644 Collections/src/Titulaire.java
create mode 100644 Collections/src/testttt.java

safaa@DESKTOP-CM96QDT MINGW64 /d/safa/iset/2021-2022/SEM2/POOAvancée/workspace
(master)
$ ^[[200~git remote add origin
bash: $'\E[200~git': command not found

safaa@DESKTOP-CM96QDT MINGW64 /d/safa/iset/2021-2022/SEM2/POOAvancée/workspace
(master)
$ ~git remote add origin https://github.com/SafaMejdoub/TP-Collections.git
bash: ~git: command not found

safaa@DESKTOP-CM96QDT MINGW64 /d/safa/iset/2021-2022/SEM2/POOAvancée/workspace
(master)
$ git remote add origin https://github.com/SafaMejdoub/TP-Collections.git

safaa@DESKTOP-CM96QDT MINGW64 /d/safa/iset/2021-2022/SEM2/POOAvancée/workspace
(master)
$
```

13- Finalement, exécuter la commande : **git push -u origin master**

```
safaa@DESKTOP-CM96QDT MINGW64 /d/safa/iset/2021-2022/SEM2/POOAvancée/workspace
(master)
$ ^[[200~git remote add origin
bash: $'\E[200~git': command not found

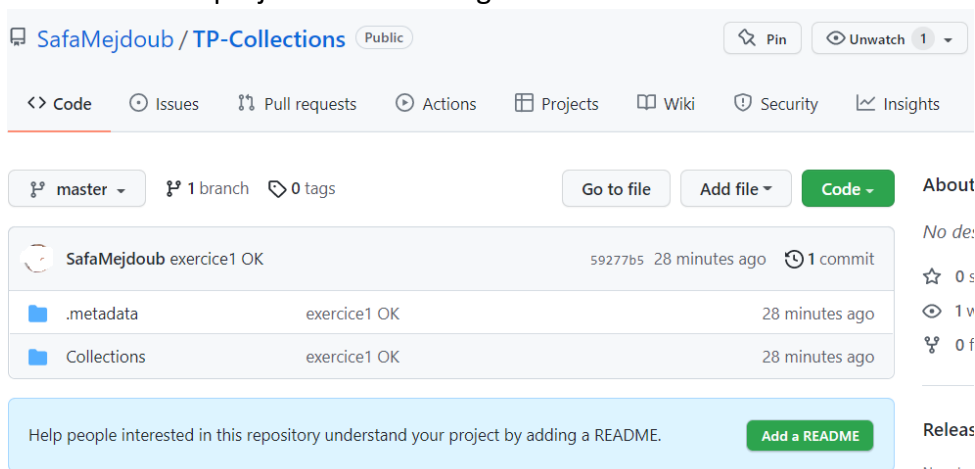
safaa@DESKTOP-CM96QDT MINGW64 /d/safa/iset/2021-2022/SEM2/POOAvancée/workspace
(master)
$ ~git remote add origin https://github.com/SafaMejdoub/TP-Collections.git
bash: ~git: command not found

safaa@DESKTOP-CM96QDT MINGW64 /d/safa/iset/2021-2022/SEM2/POOAvancée/workspace
(master)
$ git remote add origin https://github.com/SafaMejdoub/TP-Collections.git

safaa@DESKTOP-CM96QDT MINGW64 /d/safa/iset/2021-2022/SEM2/POOAvancée/workspace
(master)
$ git push -u origin master
Enumerating objects: 166, done.
Counting objects: 100% (166/166), done.
Delta compression using up to 8 threads
Compressing objects: 100% (138/138), done.
Writing objects: 100% (166/166), 14.91 MiB | 2.29 MiB/s, done.
Total 166 (delta 22), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (22/22), done.
To https://github.com/SafaMejdoub/TP-Collections.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.

safaa@DESKTOP-CM96QDT MINGW64 /d/safa/iset/2021-2022/SEM2/POOAvancée/workspace
(master)
$
```

Et voilà !! votre projet se trouve sur github



The screenshot shows the GitHub interface for the repository 'SafaMejdoub / TP-Collections'. The repository is public and has 1 branch (master) and 0 tags. The commit history shows a single commit 'SafaMejdoub exercise1 OK' made 28 minutes ago. The file list includes '.metadata' and 'Collections', both with the message 'exercice1 OK'. A button 'Add a README' is visible at the bottom.

Remarque :

Pour mettre à jour votre travail sur GitHub, vous n'avez plus besoin de retaper toutes les commandes ; mais seulement les trois commandes :

```
git add -- all
git commit -m "your message"
git push origin master
```