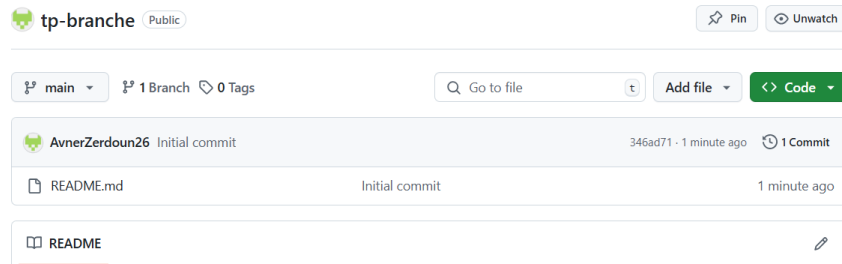


Tp branche git.

Création repository sur github avec un clone pour créer le repo en local:



```
PS C:\Users\avner> git clone https://github.com/AvnerZerdoun26/tp-branche.git
Cloning into 'tp-branche'...
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.
```

Création du dossier python :

```
PS C:\Users\avner\tp-branche> mkdir TP_GIT_PYTHON_1

Répertoire : C:\Users\avner\tp-branche

Mode                LastWriteTime         Length Name
----                -
d-----          08/01/2025         11:21         TP_GIT_PYTHON_1

PS C:\Users\avner\tp-branche> cd TP_GIT_PYTHON_1
PS C:\Users\avner\tp-branche\TP_GIT_PYTHON_1>
```

Git init :

```
PS C:\Users\avner\tp-branche\TP_GIT_PYTHON_1> git init
Initialized empty Git repository in C:/Users/avner/tp-branche/TP_GIT_PYTHON_1/.git/
PS C:\Users\avner\tp-branche\TP_GIT_PYTHON_1>
```

Modifications du readme

```
PS C:\Users\avner\tp-branche> git status
On branch main
Your branch is up to date with 'origin/main'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   README.md

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        TP_GIT_PYTHON_1/


no changes added to commit (use "git add" and/or "git commit -a")
```

Git add/comit /push :

```

PS C:\Users\avner\tp-branche> git add .
PS C:\Users\avner\tp-branche> git commit -m "Initialisation du projet"
[main 64fe3ce] Initialisation du projet
 2 files changed, 6 insertions(+), 1 deletion(-)
 create mode 100644 TP_GIT_PYTHON_1/hello.py
PS C:\Users\avner\tp-branche> git push
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (5/5), 435 bytes | 435.00 KiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/AvnerZerdoun26/tp-branche.git
 346ad71..64fe3ce  main -> main
PS C:\Users\avner\tp-branche>

```


AvnerZerdoun26 Initialisation du projet
64fe3ce · 7 minutes ago
🕒 2 Commits

TP_GIT_PYTHON_1	Initialisation du projet	7 minutes ago
README.md	Initialisation du projet	7 minutes ago

README

tp-branche

```
##Ceci est un TP Git et Python
```

Utilisation du git diff :

```

PS C:\Users\avner\tp-branche> git diff
diff --git a/README.md b/README.md
index e9a893c..e775423 100644
--- a/README.md
+++ b/README.md
@@ -1,4 +1,4 @@
 # tp-branche
 ```md
-##Ceci est un TP Git et Python
+##Ceci est un TP Git et Python pour apprendre
```

```

Création de la nouvelle branche plus changement de branche :

```

PS C:\Users\avner> cd tp-branche
PS C:\Users\avner\tp-branche> git checkout -b nouvelleBranche
Switched to a new branch 'nouvelleBranche'
PS C:\Users\avner\tp-branche> git branch
  main
* nouvelleBranche
PS C:\Users\avner\tp-branche>

```

```
PS C:\Users\avner\tp-branche> git branch
* main
  nouvelleBranche
PS C:\Users\avner\tp-branche>
```


Suppression de la deuxième branche :

```
PS C:\Users\avner\tp-branche> git branch -d nouvelleBranche
Deleted branch nouvelleBranche (was 2b7c9ae).
```

Git Rebase :

```
PS C:\Users\avner\tp-branche> git rebase discussion
dropping 59655ecd7128064e939e76f17ec539bc10592ec9 A -- patch contents already upstream
dropping f62d781c3b9a42d345e4a47d16f390774784bb35 B -- patch contents already upstream
Successfully rebased and updated refs/heads/main.
```

Le Rebase permet de voir tout les commits fait vers d'une branche a l'autre.

| | | | |
|--|--------------------------|------------------------|--------------|
|  AvnerZerdoun26 H | | a96d7c6 - 16 hours ago | 🕒 19 Commits |
| 📁 TP_GIT_PYTHON_1 | Initialisation du projet | | 19 hours ago |
| 📄 A.txt | A | | 17 hours ago |
| 📄 B.txt | B | | 17 hours ago |
| 📄 C1.txt | C1 | | 17 hours ago |
| 📄 D.txt | C1 | | 17 hours ago |
| 📄 E.txt | E | | 17 hours ago |
| 📄 F.txt | F | | 17 hours ago |
| 📄 G.txt | G | | 17 hours ago |
| 📄 H.txt | H | | 16 hours ago |
| 📄 README.md | Initialisation du projet | | 19 hours ago |