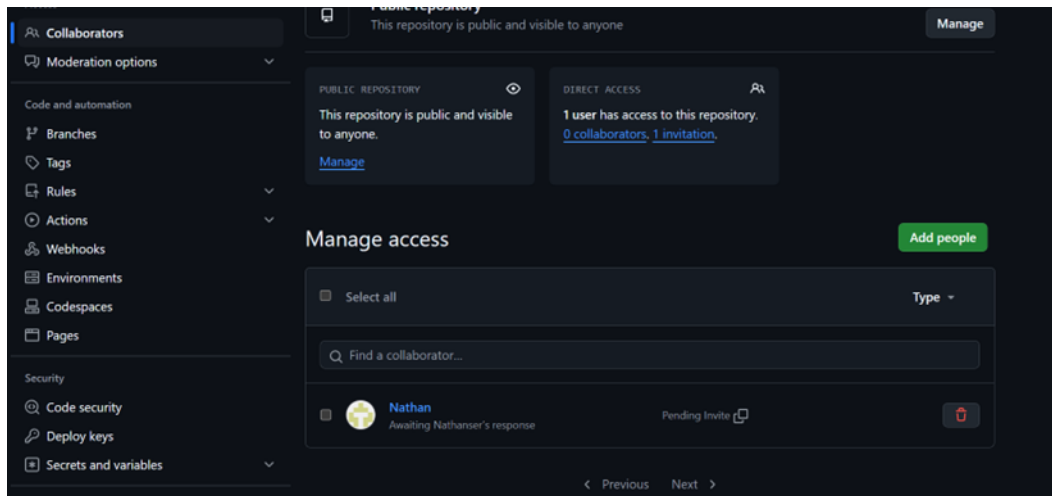
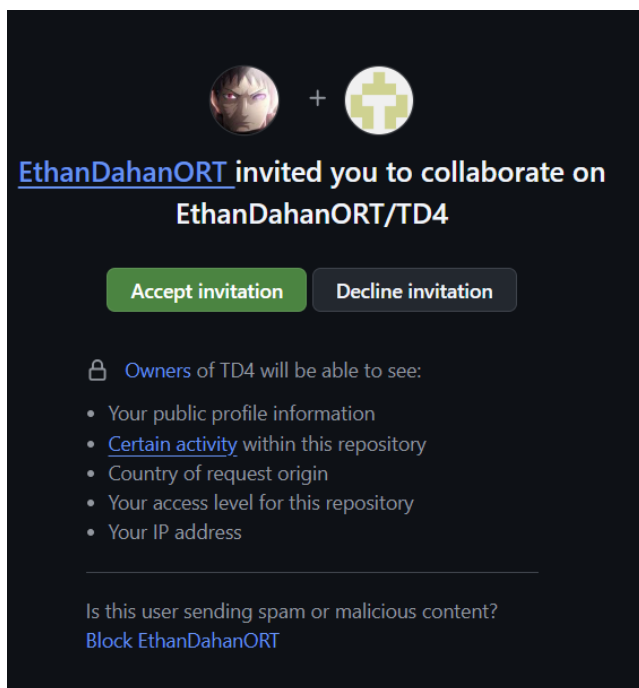


## TP 2 Collaborer

- Création du repository et invitation du collaborateur B :



- Invitation reçue :



- Création du fichier index.html et ajout dans le dépôt distant :

```
nathan@SAMSUNG-BOOK-2-PRO-NATHAN MINGW64 ~/td4 (main)
$ git add .

nathan@SAMSUNG-BOOK-2-PRO-NATHAN MINGW64 ~/td4 (main)
$ git commit -m "commit index"
[main 29c6584] commit index
1 file changed, 8 insertions(+)
create mode 100644 index.html

nathan@SAMSUNG-BOOK-2-PRO-NATHAN MINGW64 ~/td4 (main)
$ git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 16 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 316 bytes | 316.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/EthanDahanORT/TD4.git
f0e6356..29c6584 main -> main
```

TD4




☆ 0 stars    🍴 0 forks    👁 1 watching    🌿 1 Branch    🏷 0 Tags    ↗ Activity

🌐 Public repository

---

🌿 main    🔗    📄    Go to file    +    <> Code ▾

---

 <b>Nathanser</b> commit index	29c6584 · 1 minute ago	🕒
 README.md	Initial commit	33 minutes ago
 index.html	commit index	1 minute ago

- Récupération des modifications avec la commande “pull --ff-only”

```
EthanD@LAPTOP-DOUA47GF MINGW64 ~/TD4 (main)
$ git pull --ff-only
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 296 bytes | 19.00 KiB/s, done.
From https://github.com/EthanDahanORT/TD4
f0e6356..29c6584 main -> origin/main
Updating f0e6356..29c6584
Fast-forward
 index.html | 8 ++++++++
 1 file changed, 8 insertions(+)
 create mode 100644 index.html
```

- Création du fichier commandes.html et ajout des listes :

```
<> commandes.html > html > dd
1  <!DOCTYPE html>
2  <html>
3  <dl>
4  |   git clone, git commit, git push, git add, git pull
5  </dl>
6  <dt>
7  |   git branch, git switch, git rebase, git merge
8  </dt>
9  <dd>
10 |   github
11 </dd>
12 </html>
```

- Commande git status, git fetch, git pull --ff-only :

```
$ git status
On branch main
Your branch is up to date with 'origin/main'.

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

nothing added to commit but untracked files present (use "git add" to track)

nathan@SAMSUNG-BOOK-2-PRO-NATHAN MINGW64 ~/td4 (main)
$ git fetch
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 320 bytes | 20.00 KiB/s, done.
From https://github.com/EthanDahanORT/TD4
   29c6584..5025e4f  main       -> origin/main

nathan@SAMSUNG-BOOK-2-PRO-NATHAN MINGW64 ~/td4 (main)
$ status
bash: status: command not found

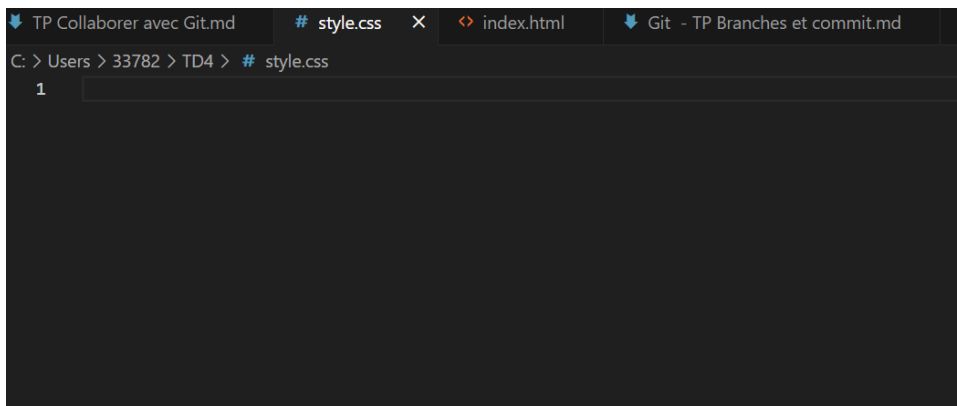
nathan@SAMSUNG-BOOK-2-PRO-NATHAN MINGW64 ~/td4 (main)
$ git status
On branch main
Your branch is behind 'origin/main' by 1 commit, and can be fast-forwarded.
  (use "git pull" to update your local branch)

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

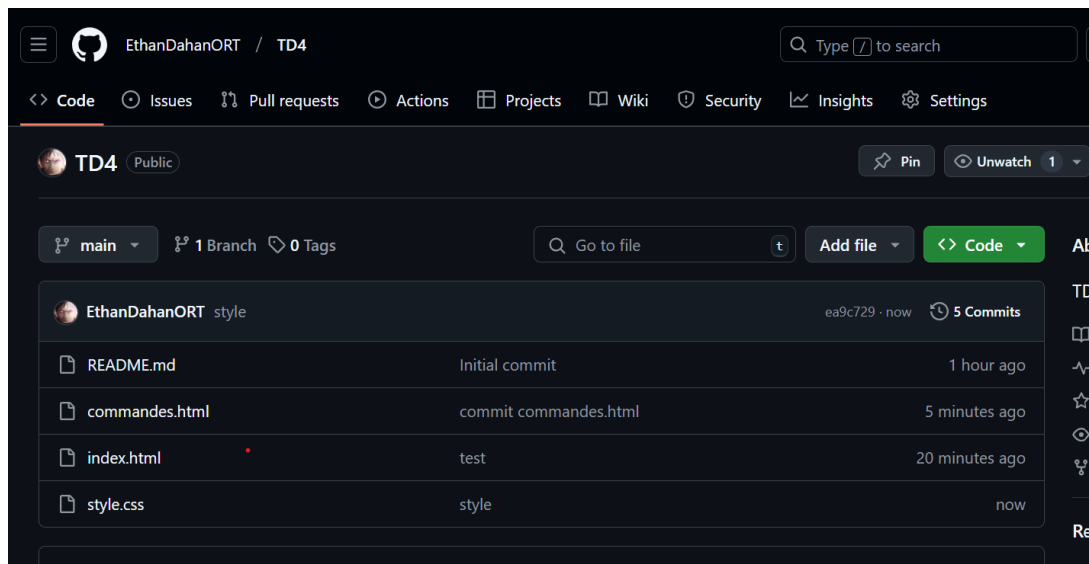
nothing added to commit but untracked files present (use "git add" to track)

nathan@SAMSUNG-BOOK-2-PRO-NATHAN MINGW64 ~/td4 (main)
$ git pull --ff-only
Updating 29c6584..5025e4f
Fast-forward
 index.html | 2 +-
 1 file changed, 1 insertion(+), 1 deletion(-)
```

- Création fichier style.css



- On voit que notre fichier stylecss à bien été ajouté



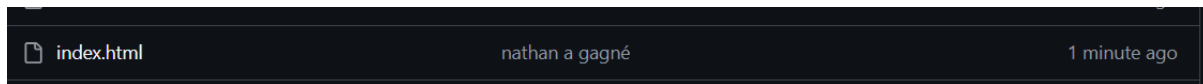
- Les modifications sont remontées avec git pull :

```
nathan@SAMSUNG-BOOK-2-PRO-NATHAN MINGW64 ~/td4 (main)
$ git pull --ff-only
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (1/1), done.
remote: Total 3 (delta 1), reused 3 (delta 1), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 255 bytes | 85.00 KiB/s, done.
From https://github.com/EthanDahanORT/TD4
   1f35f96..ea9c729  main       -> origin/main
Updating 1f35f96..ea9c729
Fast-forward
 style.css | 0
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 style.css

nathan@SAMSUNG-BOOK-2-PRO-NATHAN MINGW64 ~/td4 (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
```

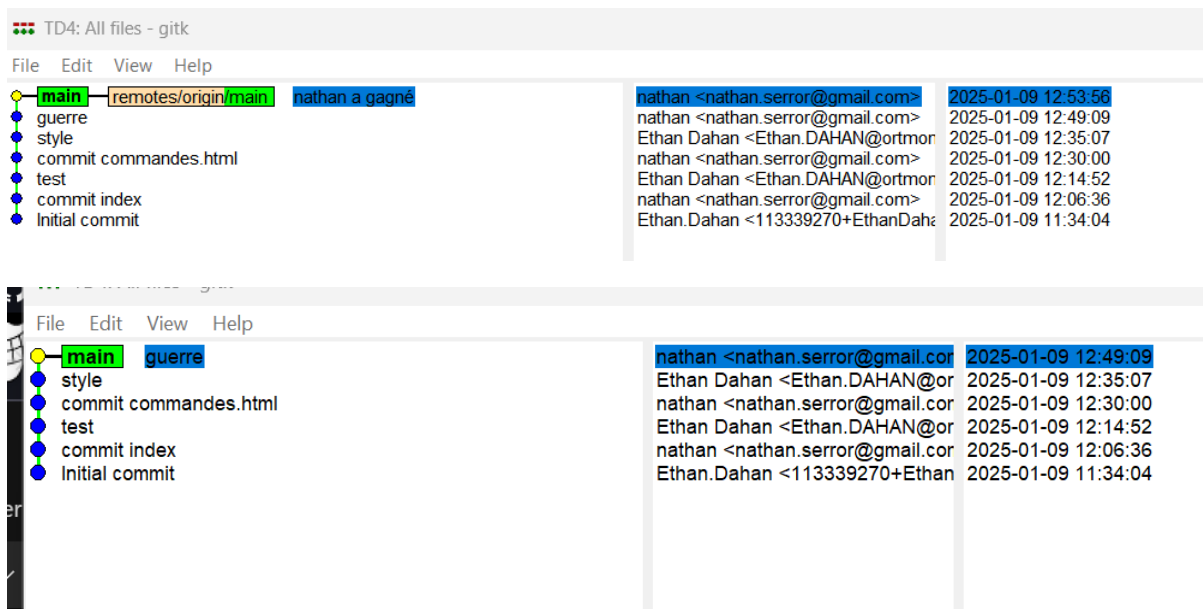
- Nathan a gagné la guerre :



On voit que la modification du collègue A n'est pas passé :

```
EthanD@LAPTOP-DOUA47GF MINGW64 ~/TD4 (main)
$ git fetch
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (1/1), done.
remote: Total 3 (delta 2), reused 3 (delta 2), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 262 bytes | 17.00 KiB/s, done.
From https://github.com/EthanDahanORT/TD4
 3c1d459..49d01b8  main      -> origin/main
```

- Les versions sont différentes entre A et B



- Le dernier commit a été effacé :

```

nathan@SAMSUNG-BOOK-2-PRO-NATHAN MINGW64 ~/td4 (main)
$ git reset 49d01b859329e6b6b408feca9c1c7350b471db4f

nathan@SAMSUNG-BOOK-2-PRO-NATHAN MINGW64 ~/td4 (main)
$ gitk

nathan@SAMSUNG-BOOK-2-PRO-NATHAN MINGW64 ~/td4 (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

nathan@SAMSUNG-BOOK-2-PRO-NATHAN MINGW64 ~/td4 (main)
$ log
bash: log: command not found

nathan@SAMSUNG-BOOK-2-PRO-NATHAN MINGW64 ~/td4 (main)
$ git log
commit 49d01b859329e6b6b408feca9c1c7350b471db4f (HEAD -> main, origin/main, o
rigin/HEAD)
Author: nathan <nathan.serror@gmail.com>
Date: Thu Jan 9 12:53:56 2025 +0100

    nathan a gagné

```

- La dernière version est synchronisée sur les 2 PC en local :

TD4: All files - gitk

File Edit View Help

main	remotes/origin/main	nathan a gagné		
●	●	●	nathan <nathan.serror@gmail.com>	2025-01-09 12:53:56
●	●	●	nathan <nathan.serror@gmail.com>	2025-01-09 12:49:09
●	●	●	Ethan Dahan <Ethan.DAHAN@ortm>	2025-01-09 12:35:07
●	●	●	nathan <nathan.serror@gmail.com>	2025-01-09 12:30:00
●	●	●	Ethan Dahan <Ethan.DAHAN@ortm>	2025-01-09 12:14:52
●	●	●	nathan <nathan.serror@gmail.com>	2025-01-09 12:06:36
●	●	●	Ethan.Dahan <113339270+EthanDah>	2025-01-09 11:34:04

TD4: All files - gitk

File Edit View Help

main	remotes/origin/main	nathan a gagné		
●	●	●	nathan <nathan.serror@gmail.com>	2025-01-09 12:53:56
●	●	●	nathan <nathan.serror@gmail.com>	2025-01-09 12:49:09
●	●	●	Ethan Dahan <Ethan.DAHAN@ortmor>	2025-01-09 12:35:07
●	●	●	nathan <nathan.serror@gmail.com>	2025-01-09 12:30:00
●	●	●	Ethan Dahan <Ethan.DAHAN@ortmor>	2025-01-09 12:14:52
●	●	●	nathan <nathan.serror@gmail.com>	2025-01-09 12:06:36
●	●	●	Ethan.Dahan <113339270+EthanDah>	2025-01-09 11:34:04

## Création de la branche "gh-pages"

```

EthanD@LAPTOP-DOUA47GF MINGW64 ~/TD4 (main)
$ git branch -avv
  gh-pages          49d01b8 nathan a gagné
* main             49d01b8 [origin/main] nathan a gagné
remotes/origin/HEAD -> origin/main
remotes/origin/main 49d01b8 nathan a gagné

```

- Push de gh-pages :

```
EthanD@LAPTOP-DOUA47GF MINGW64 ~/TD4 (main)
$ git push origin gh-pages
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'gh-pages' on GitHub by visiting:
remote:   https://github.com/EthanDahanORT/TD4/pull/new/gh-pages
remote:
To https://github.com/EthanDahanORT/TD4.git
 * [new branch]      gh-pages -> gh-pages
```

- La page web est publiée et déployée sur gh-pages sur ce lien :

<https://ethandahanort.github.io/TD4/>

Ensuite on passe sur la branche gh-pages puis on fait un git merge main :

```
EthanD@LAPTOP-DOUA47GF MINGW64 ~/TD4 (main)
$ git merge main
Already up to date.

EthanD@LAPTOP-DOUA47GF MINGW64 ~/TD4 (main)
$ git switch gh-pages
Switched to branch 'gh-pages'

EthanD@LAPTOP-DOUA47GF MINGW64 ~/TD4 (gh-pages)
$ git merge main
Already up to date.

EthanD@LAPTOP-DOUA47GF MINGW64 ~/TD4 (gh-pages)
$ git push
fatal: The current branch gh-pages has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream origin gh-pages

To have this happen automatically for branches without a tracking
upstream, see 'push.autoSetupRemote' in 'git help config'.

EthanD@LAPTOP-DOUA47GF MINGW64 ~/TD4 (gh-pages)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
```

- Mise à jour de la page web :

# BIENVENUE SUR LE TP DE NATHAN & ETHAN

Hello World

TP Nathan & Ethan

Nathan a gagné la guerre

## Commandes Git

### Commandes principales

*git clone, git commit, git push, git add, git pull*

### Gestion des branches

*git branch, git switch, git rebase, git merge*

### Outil de collaboration

*GitHub*

### Nouvelles commandes apprises

***git fetch:** Récupère les modifications distantes sans les intégrer à la branche actuelle.*

***git merge:** Fusionne une branche donnée dans la branche actuelle.*

***git show:** Affiche les informations détaillées sur un commit ou un objet Git.*