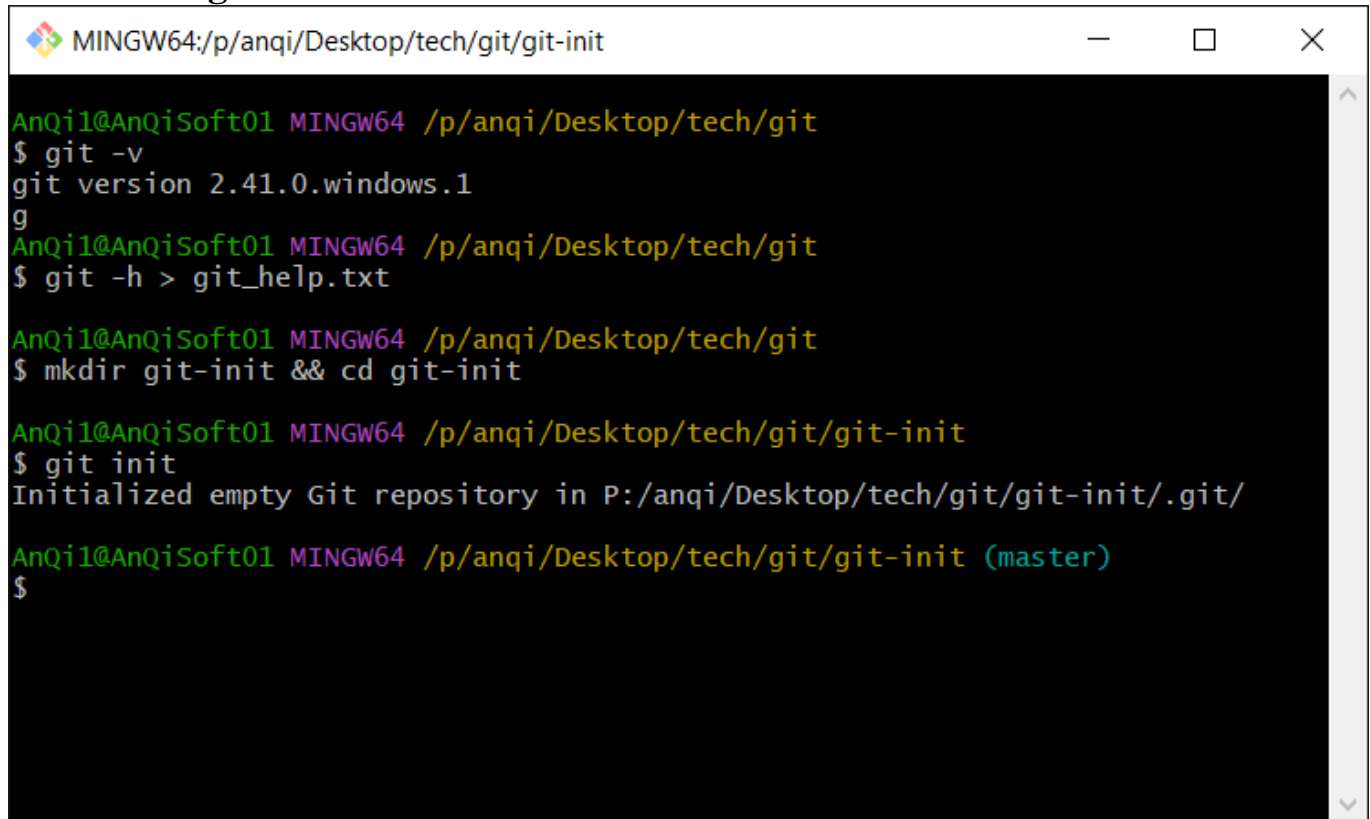# 1 Show the version of git. Create and enter the directory git-init, and then execute the git-init command.
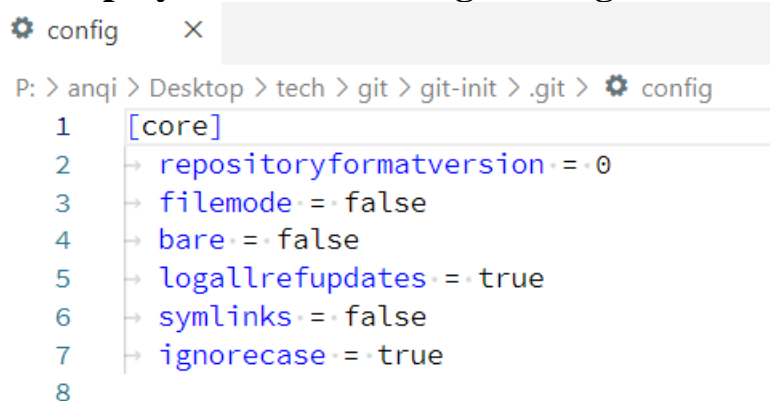
```
MINGW64:/p/anqi/Desktop/tech/git/git-init                    —    □    ✕

AnQi1@AnQiSoft01 MINGW64 /p/anqi/Desktop/tech/git
$ git -v
git version 2.41.0.windows.1
g
AnQi1@AnQiSoft01 MINGW64 /p/anqi/Desktop/tech/git
$ git -h > git_help.txt

AnQi1@AnQiSoft01 MINGW64 /p/anqi/Desktop/tech/git
$ mkdir git-init && cd git-init

AnQi1@AnQiSoft01 MINGW64 /p/anqi/Desktop/tech/git/git-init
$ git init
Initialized empty Git repository in P:/anqi/Desktop/tech/git/git-init/.git/

AnQi1@AnQiSoft01 MINGW64 /p/anqi/Desktop/tech/git/git-init (master)
$
```

2 Display the contents of .git/config.

```
⚙ config    ✕

P: > anqi > Desktop > tech > git > git-init > .git > ⚙ config
1    [core]
2        repositoryformatversion = 0
3        filemode = false
4        bare = false
5        logallrefupdates = true
6        symlinks = false
7        ignorecase = true
8
```

3 Create a new repository called "git-init" on github.

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 ***

anqisoft / git-init

✓ git-init is available.

Great repository names are short and memorable. Need inspiration? How about **super-system**?

Description (optional)

Test git-init in windows.

○ 🖥 **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:

☑ **Add a README file**
This is where you can write a long description for your project. Learn more about READMEs.

Add .gitignore

.gitignore template: None ▾

Choose which files not to track from a list of templates. Learn more about ignoring files.

Choose a license

License: Apache License 2.0 ▾

A license tells others what they can and can't do with your code. Learn more about licenses.

This will set 🔀 main as the default branch. Change the default name in your settings.

ⓘ You are creating a public repository in your personal account.

Create repository

---

github.com/anqisoft/git-init

☐ job ☐ website ☐ AI ☐ ML ☐ python ☐ API ☐ Person ☐ opera ☐ github ☐ twitter ☐ facebook ☐ discord ☐ reddit ☐ translate ☐ doc ☐ my ☐ studing ☐ icon

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🖥 anqisoft / **git-init** (Public)

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<> Code ⊙ Issues ⑂ Pull requests ⊙ Actions ⊞ Projects ☐ Wiki ⊙ Security 📈 Insights ⚙ Settings

🔀 main ▾   ⑂ 1 branch   ◯ 0 tags

Go to file Add file ▾ <> Code ▾

About

Test git-init in windows.

anqisoft Initial commit   3f46846 4 minutes ago ⊙ 1 commit

LICENSE	Initial commit	4 minutes ago
README.md	Initial commit	4 minutes ago

☐ Readme
⚖ Apache-2.0 license
〜 Activity
☆ 0 stars
👁 1 watching
⑂ 0 forks

README.md   ✎

git-init

Test git-init in windows.

Releases

No releases published
Create a new release

Packages

No packages published
Publish your first package

4 Connect to the remote library in ssh mode and pull all the latest content.

```
MINGW64:/p/anqi/Desktop/tech/git/git-init                          —    □    ✕

AnQi1@AnQiSoft01 MINGW64 /p/anqi/Desktop/tech/git
$ git -v
git version 2.41.0.windows.1
g
AnQi1@AnQiSoft01 MINGW64 /p/anqi/Desktop/tech/git
$ git -h > git_help.txt

AnQi1@AnQiSoft01 MINGW64 /p/anqi/Desktop/tech/git
$ mkdir git-init && cd git-init

AnQi1@AnQiSoft01 MINGW64 /p/anqi/Desktop/tech/git/git-init
$ git init
Initialized empty Git repository in P:/anqi/Desktop/tech/git/git-init/.git/

AnQi1@AnQiSoft01 MINGW64 /p/anqi/Desktop/tech/git/git-init (master)
$ git remote add origin git+ssh://git@github.com/anqisoft/git-init

AnQi1@AnQiSoft01 MINGW64 /p/anqi/Desktop/tech/git/git-init (master)
$ git pull origin main --allow-unrelated-histories
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (4/4), 4.48 KiB | 25.00 KiB/s, done.
From git+ssh://github.com/anqisoft/git-init
 * branch            main         -> FETCH_HEAD
 * [new branch]      main         -> origin/main

AnQi1@AnQiSoft01 MINGW64 /p/anqi/Desktop/tech/git/git-init (master)
$ echo >> .git/config && echo [user] >> .git/config && echo \ \ name = anqisoft
>> .git/config && echo \ \ email = anqisoft@gmail.com >> .git/config

AnQi1@AnQiSoft01 MINGW64 /p/anqi/Desktop/tech/git/git-init (master)
$
```

5 Try to submit directly with git push origin main, it prompts an error; and then submit with git push origin master, a master branch will be added to the library instead of directly submitting to the default main branch.

```
MINGW64:/p/anqi/Desktop/tech/git/git-init                          —   □   ✕

AnQi1@AnQiSoft01 MINGW64 /p/anqi/Desktop/tech/git
$ git -v
git version 2.41.0.windows.1
g
AnQi1@AnQiSoft01 MINGW64 /p/anqi/Desktop/tech/git
$ git -h > git_help.txt

AnQi1@AnQiSoft01 MINGW64 /p/anqi/Desktop/tech/git
$ mkdir git-init && cd git-init

AnQi1@AnQiSoft01 MINGW64 /p/anqi/Desktop/tech/git/git-init
$ git init
Initialized empty Git repository in P:/anqi/Desktop/tech/git/git-init/.git/

AnQi1@AnQiSoft01 MINGW64 /p/anqi/Desktop/tech/git/git-init (master)
$ git remote add origin git+ssh://git@github.com/anqisoft/git-init

AnQi1@AnQiSoft01 MINGW64 /p/anqi/Desktop/tech/git/git-init (master)
$ git pull origin main --allow-unrelated-histories
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (4/4), 4.48 KiB | 25.00 KiB/s, done.
From git+ssh://github.com/anqisoft/git-init
 * branch            main         -> FETCH_HEAD
 * [new branch]      main         -> origin/main

AnQi1@AnQiSoft01 MINGW64 /p/anqi/Desktop/tech/git/git-init (master)
$ echo >> .git/config && echo [user] >> .git/config && echo \ \ name = anqisoft
>> .git/config && echo \ \ email = anqisoft@gmail.com >> .git/config

AnQi1@AnQiSoft01 MINGW64 /p/anqi/Desktop/tech/git/git-init (master)
$ git add . && git commit -m "Initial commit" && git push origin main
[master eec4c8a] Initial commit
 1 file changed, 122 insertions(+)
 create mode 100644 ..dir_help.txt
error: src refspec main does not match any
error: failed to push some refs to 'git+ssh://github.com/anqisoft/git-init'

AnQi1@AnQiSoft01 MINGW64 /p/anqi/Desktop/tech/git/git-init (master)
$ git push origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 3.07 KiB | 1.54 MiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:      https://github.com/anqisoft/git-init/pull/new/master
remote:
To git+ssh://github.com/anqisoft/git-init
 * [new branch]      master -> master

AnQi1@AnQiSoft01 MINGW64 /p/anqi/Desktop/tech/git/git-init (master)
$ |
```

6   A master branch will be added to the library instead of submitting directly to the default main branch.

anqisoft / **git-init** Public

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master had recent pushes 1 minute ago   **Compare & pull request**

main   2 branches   0 tags   Go to file   Add file   <> Code

Your main branch isn't protected   **Protect this branch**   ✕
Protect this branch from force pushing or deletion, or require status checks before merging. Learn more

anqisoft Initial commit   3f46846 7 minutes ago   1 commit

LICENSE   Initial commit   7 minutes ago
README.md   Initial commit   7 minutes ago

README.md

git-init

Test git-init in windows.

About
Test git-init in windows.

Readme
Apache-2.0 license
Activity
0 stars
1 watching
0 forks

Releases
No releases published
Create a new release

Packages
No packages published
Publish your first package

Note: If you don't want to add a master branch and submit directly to the main branch, you need to use the command instead: git push origin master:main.