

Git and GitHub Assignment

DATA-613

American University

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<https://github.com/Wayneger/git-clone-push-assignment.git>

Step 1: Create a new repository

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Required fields are marked with an asterisk (*).

Owner *

 Wayneger ▾

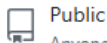
Repository name *

git-clone-push-assignmer

✔ git-clone-push-assignment is available.

Great repository names are short and memorable. Need inspiration? How about **turbo-couscous** ?

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:

☒

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: None ▾


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 private repository in your personal account.

Create repository

 git-clone-push-assignment Private

Unwatch 1 ▾

Fork 0 ▾

Star 0 ▾

main ▾

1 Branch

0 Tags

Go to file

t

Add file ▾

<> Code ▾

About



No description, website, or topics provided.

Readme

Activity

0 stars

0 watching

0 forks

Releases

No releases published

[Create a new release](#)

Packages

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Wayneger Initial commit

de0ce09 · now

1 Commit

README.md

Initial commit

now

README



git-clone-push-assignment

Step 2: Clone it to my local machine

```
MINGW64:/c/Users/User/git-clone-push-assignment/git-clone-push-assignme...  —  □  ×

User@LAPTOP-U030J5Q5 MINGW64 ~/git-clone-push-assignment (main)
$ git clone https://github.com/Wayneeger/git-clone-push-assignment.git
Cloning into 'git-clone-push-assignment'...
remote: Enumerating objects: 14, done.
remote: Counting objects: 100% (14/14), done.
remote: Compressing objects: 100% (10/10), done.
remote: Total 14 (delta 0), reused 7 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (14/14), done.

User@LAPTOP-U030J5Q5 MINGW64 ~/git-clone-push-assignment (main)
$ cd git-clone-push-assignment

User@LAPTOP-U030J5Q5 MINGW64 ~/git-clone-push-assignment/git-clone-push-assignme
nt (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

User@LAPTOP-U030J5Q5 MINGW64 ~/git-clone-push-assignment/git-clone-push-assignme
nt (main)
$ |
```

Step 3: Add a file

```
MINGW64:/c/Users/User/git-clone-push-assignment/git-clone-push-assignme...  —  □  ×

User@LAPTOP-U030J5Q5 MINGW64 ~/git-clone-push-assignment/git-clone-push-assignme
nt (main)
$ echo "GitHub Assignment" > HW.md

User@LAPTOP-U030J5Q5 MINGW64 ~/git-clone-push-assignment/git-clone-push-assignme
nt (main)
$ ls
HW.md  Newfile  README.md

User@LAPTOP-U030J5Q5 MINGW64 ~/git-clone-push-assignment/git-clone-push-assignme
nt (main)
$ |
```

Step 4: Stage

```
MINGW64:/c/Users/User/git-clone-push-assignment/git-clone-push-assignme...
User@LAPTOP-U030J5Q5 MINGW64 ~/git-clone-push-assignment/git-clone-push-assignme
nt (main)
$ git add HW.md
warning: in the working copy of 'HW.md', LF will be replaced by CRLF the next ti
me Git touches it

User@LAPTOP-U030J5Q5 MINGW64 ~/git-clone-push-assignment/git-clone-push-assignme
nt (main)
$ 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:   HW.md

User@LAPTOP-U030J5Q5 MINGW64 ~/git-clone-push-assignment/git-clone-push-assignme
nt (main)
$
```

Step 5: Commit

```
MINGW64:/c/Users/User/git-clone-push-assignment/git-clone-push-assignme...
User@LAPTOP-U030J5Q5 MINGW64 ~/git-clone-push-assignment/git-clone-push-assignme
nt (main)
$ git commit -m "Added HW.md file"
[main b44b138] Added HW.md file
 1 file changed, 1 insertion(+)
 create mode 100644 HW.md

User@LAPTOP-U030J5Q5 MINGW64 ~/git-clone-push-assignment/git-clone-push-assignme
nt (main)
$ git log --oneline
b44b138 (HEAD -> main) Added HW.md file
84a2c2b (origin/main, origin/HEAD) Delete Newfile.txt
dd1c36a Merge branch 'main' of https://github.com/Wayneger/git-clone-push-assign
ment
d932b05 新增 Newfile.txt 文件
b29be34 Rename New file to Newfile
ee8d4c8 Create New file
de0ce09 Initial commit

User@LAPTOP-U030J5Q5 MINGW64 ~/git-clone-push-assignment/git-clone-push-assignme
nt (main)
$
```

Step 6: Push changes back to GitHub

```
MINGW64:/c/Users/User/git-clone-push-assignment/git-clone-push-assignme...
User@LAPTOP-U030J5Q5 MINGW64 ~/git-clone-push-assignment/git-clone-push-assignme
nt (main)
$ git push origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 328 bytes | 328.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Wayneger/git-clone-push-assignment.git
 84a2c2b..b44b138  main -> main

User@LAPTOP-U030J5Q5 MINGW64 ~/git-clone-push-assignment/git-clone-push-assignme
nt (main)
$
```

Wayneger / git-clone-push-assignment

Code Issues Pull requests Actions Projects Security Insights Settings

git-clone-push-assignment Private

Unwatch 1 Fork 0 Star 0

main 1 Branch 0 Tags

Go to file Add file Code

About

No description, website, or topics provided.

Readme Activity 0 stars 1 watching 0 forks

Releases

No releases published
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Wayneger Added HW.md file b44b138 · 1 minute ago 7 Commits

HW.md	Added HW.md file	1 minute ago
Newfile	Rename New file to Newfile	46 minutes ago
README.md	Initial commit	53 minutes ago

README

git-clone-push-assignment

Wayneger / git-clone-push-assignment

Code Issues Pull requests Actions Projects Security Insights Settings

Files

main +

Go to file

HW.md Newfile README.md

git-clone-push-assignment / HW.md

Wayneger Added HW.md file b44b138 · 2 minutes ago History

Preview Code Blame 1 lines (1 loc) · 18 Bytes Code 55% faster with GitHub Copilot Raw

GitHub Assignment