Git and GitHub Assignment

DATA-613

American University

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Dear professor, I upload the PDF file of this homework to my github, please utilize this link for check.

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 *   Repository name *

  Wayneger ▾   /   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 ▾

🟫 Wayneger Initial commit   de0ce09 · now   🕐 1 Commit

📄 README.md   Initial commit   now

📖 README   ✎

git-clone-push-assignment

About

No description, website, or topics provided.

📖 Readme
∿ Activity
☆ 0 stars
👁 0 watching
⑂ 0 forks

Releases

No releases published
Create a new release

Packages

No packages published
Publish your first package

Step 2: Clone it to my local machine


```
User@LAPTOP-U03OJ5Q5 MINGW64 ~/git-clone-push-assignment (main)
$ git clone https://github.com/Wayneger/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-U03OJ5Q5 MINGW64 ~/git-clone-push-assignment (main)
$ cd git-clone-push-assignment

User@LAPTOP-U03OJ5Q5 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-U03OJ5Q5 MINGW64 ~/git-clone-push-assignment/git-clone-push-assignme
nt (main)
$
```

Step 3: Add a file


```
User@LAPTOP-U03OJ5Q5 MINGW64 ~/git-clone-push-assignment/git-clone-push-assignme
nt (main)
$ echo "GitHub Assignment" > HW.md

User@LAPTOP-U03OJ5Q5 MINGW64 ~/git-clone-push-assignment/git-clone-push-assignme
nt (main)
$ ls
HW.md   Newfile   README.md

User@LAPTOP-U03OJ5Q5 MINGW64 ~/git-clone-push-assignment/git-clone-push-assignme
nt (main)
$
```

Step 4: Stage


```
User@LAPTOP-UO3OJ5Q5 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-UO3OJ5Q5 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-UO3OJ5Q5 MINGW64 ~/git-clone-push-assignment/git-clone-push-assignme
nt (main)
$
```

Step 5: Commit


```
User@LAPTOP-UO3OJ5Q5 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-UO3OJ5Q5 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-UO3OJ5Q5 MINGW64 ~/git-clone-push-assignment/git-clone-push-assignme
nt (main)
$
```

Step 6: Push changes back to GitHub

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)
$