

# Git and Github

①

## Part-2

### Assignment

1, How to check if git is available on your system?  
→ `git --version`.

②, How to initialize a new Git repository?  
→ ① Create a directory to contain the project  
② Go into the new directory.  
③ Type `git init`. ④ Write some code  
⑤ Type `git add` to add the files  
⑥ Type `git commit`.

3, How to tell git about your name and email?  
→ ① open the command line.  
② `git config --global user.name "first name last name"`  
③ `git config --global user.email "id.com"`

④, How to add a file to the staging area?  
→ `git add .` is use to add a file to the staging area.

⑤, How to remove a file from the staging area?

→ ~~`git restore`~~.  
`git rm --cached <file-name>`

## Part-2

(2)

6, How to make a commit?

→ `git commit -m "first commit"`

7, How to send your changes to a remote repository.

→ `git push -u remote-name branch name.`

8, What is the difference b/w clone and pull?

→ clone is how you get a local copy of an existing repository to work on.

~~pull~~ git clone

pull is (or `git fetch + git merge`) is how you update that local copy with new commits from the remote repository.

git pull