

Setup git

1. Download git from <https://git-scm.com/download/>
2. Install git (use default settings)
3. Open Windows Command Prompt
4. Type **git version** (if it works git has installed correctly)
5. Then configure your git settings
 - a. **git config --global user.name** "Your name"
 - b. **git config --global user.email** "Your email"
6. See your settings **git config --list**

Add project to repository (working→ staging→ repository)

md git-demo-binod	(make new folder)
cd git-demo-binod	(goto folder)
notepad main.java	(open a new project)
git init	(try git status to see the status)
git add . or git add main.java	(try git status again to see the status)
git commit -m "any comment"	(add project to local repository)
git remote add origin address	ex:- https://github.com/binodmx/git-demo-binod.git
git push origin master	(push to master branch)
git push upstream	

View status

git status	(view status)
git log	(view log)
git diff	(view difference now and then)
git show	(view project with changes)
git remote -v	(view current status of remote repo)

Restore changes

git stash or git checkout	(restore previous version on repo)
git stash apply	(cancel previous version apply new changes)

Clone

git clone address	(create a clone/copy of a repo)
git pull address branch	(pull and merge)
git fetch address branch	(pull but does not merge)

Handle branches

git branch branch_name	(create a new branch)
git branch	(view existing branches)
git branch -D branch_name	(delete selected branch)

git checkout branch_name

(checkout existing branches)

git merge

(merge branches)

git remote rm origin

git remote add origin address

git push origin branch_name

(need permission for other's account)