GIT CHEATSHEET

01. Git Configuration:

$ git config

$ git config --global user.name "fazle rabbi"

$ git config --global user.email "demo@gmail.com"

$ git config --list

$ git config user.name

$ git config user.email

02. Adding files in staging:

$ git add fileName   For a specific file

$ git add .   For all file in current dir

$ git add -A   For all file in current dir+subDir

$ git add *.js   For all .js file in current dir

$ git add **/*.js   For all .js file in current dir+subDir

$ git git rm --cached fileName   For unstage

$ git restore --staged fileName   For unstage

$ git restore fileName   For undo changes in staging area

$ git diff   For view changes

03. Commiting and Uncommiting:

$ git commit -m "message"   For commit

$ git log   For view commit history

$ git reset --soft HEAD^   For uncommit and go stageing area

$ git reset HEAD^   For uncommit

$ git reset --hard HEAD^   For uncommit+unstage and go working dir

04. Head and Undo:

$ git log   For view all commit history

$ git log --oneline   For view all commit history in single line

$ git show   For view commit info

$ git show commit_id   For view commit info

$ git show HEAD~2   For view commit info

$ git checkout file_name   For undo changes in staging area

05. .gitignore

`$` **test.txt** For ignore test.txt flie

`$` ***.txt** For ignore all .txt file

`$` **!main.txt** For ignore all .txt file without this file

`$` **text?.txt** For ignore all files like text1/text2.txt

`$` **temp/** For ignore this folder

06. Remote connecting:

`$` **git remote** For check remote status

`$` **git remote -v** For check remote status with more info

`$` **git remote add origin url** For add remote url

07. Push and pull:

`$` **git push -u origin main** For push main branch to remote

`$` **git push** For push local changes to remote

`$` **git pull** For get remote changes

08. Branching and merging:

`$` **git branch** For view all branch

`$` **git branch -m new_name** For rename a branch

`$` **git branch branch_name** For create a new branch

`$` **git checkout -b branch_name** For create and switch a new branch

`$` **git checkout branch_name** For switch a branch

`$` **git branch -d branch_name** For delete a branch_name

`$` **git push origin branch_name** For push a specific branch_name