git branch -M master  
echo > README  
vim this  
git status --short or git status -s  
git diff --staged or git diff –cached  
echo ‘foo’ >> LICENSE.txt  
git config --global core.editor  
git diff -v  
git rm fooFile  
git mv file\_from file\_to //rename files

git log -p or git log –patch  
git log -2  
git log --stat   
git log --pretty=oneline or =short or =full or =fuller  
git log –pretty=format: “%?” // ? = H,h,T,t,P,p,an,ae,ad,ar,cn,ce,cd,cr,s //page42  
git log –graph  
git log –since=2.minutes  
git log --grep //searches for foo in commit msg  
git log -S function\_name //Only show commits adding or removing code matching the string  
git log branch\_name  
git log --all

git commit --amend // replace last commit  
git reset HEAD <file> // unstage a file or git restore --staged <file>   
git checkout -- <file> // unmodify a flle or git restore <file>

git remote  
git remote -v  
git remote add newName <link>  
git fetch <remote>  
git pull // fetch and then merge  
git push origin master  
git remote show  
git remote show origin  
git remote rename old\_name new\_name  
git remote remove origin or git remote rm origin  
  
git tag  
git tag --list “v1.1.\*” or git tag -l “v1.1.\*”  
annotated tags vs lightweight tags!  
git tag -a tag\_name -m “tag msg”  
git show tag\_name  
git tag tag\_name-lw  
git push origin tag\_name  
git push origin --tags   
git push origin master –follow-tags // only annotated tags  
git tag -d tag\_name // delete tag local  
git push origin --delete tag\_name // delete from remote  
git checkout tag\_name  
git checkout -b branch\_name tag\_name  
  
git config --global alias.co checkout // making shortkeys

git checkout branch\_name or git switch branch\_name  
git checkout -b new\_branch\_name or git switch -c new\_branch\_name // or –create  
git switch - // switch bach to prev branch  
git merge branch\_name  
git mergetool // then git commit  
git branch --merged  
git branch --no-merged  
git push --set-upstream origin dev // creates origin/dev or git push -u origin dev  
git branch --move old\_name new\_name // rename branch name