1. Check git version or git is installed (in cmd)

git --version

1. Setup username and email

git config --global user.name xxxx

git config --global user.email xxxx@xxx

1. Check username and email

git config user.name

git config user.email

1. Create new file

touch xx.xx (filename and filetype)

1. Initialize empty Git repository (create .git folder)

git init

1. Add files to staging phase (before commit phase)

git add <file>

git add . (to add all files)

1. Remove files back to modified phase (before staging phase)

git rm --cached <file>

git rm –-cached . (to remove all files)

1. Check status of working tree, files

git status

1. Add files to commit phase (after staging phase)

git commit –m “xx” (add description)

git commit (no message, will have a popup text , type ‘:wq’)

1. To view commit history

git log

git log --oneline (for short version)

1. To check commits

git checkout <commit id>

git checkout master (return back to latest commit in branch)

1. To delete commits

git revert <commit id>

git reset <commit id> (delete commits from latest to selected

commit id - keep changes in editor)

git reset <commit id> --hard (delete commits – delete changes in

editor)

1. Create, view, switch, delete branch

git branch <branch> (create branch)

git branch –a (view all branch)

git checkout <branch> (switch branch)

git branch –D <branch>

git checkout –b <branch> (create and switch branch)

1. Merge branch (switch to master branch first)

git merge <branch>

1. Push to remote repository

git push <link> <branch>

1. Push to remote repository (short version – set up the link)

git remote add origin <link>

git push origin <branch>

1. Clone repository to local

git clone <link>

1. Check current origin branch for fetch and push

git remote -v

1. Pull latest from remote repository

git pull <link> <branch>