1. Check git version

git –version

2.list all git configurations

git config –list

3. set username and email of git config

git config –global user.name “ ”

git config –global user.email “”

4. create new working directory and navigate into it

mkdir dirname

cd dirname

5. initiate/create git repository

git init

6.create a new file and edit and save

7. check git status

git status

8. if any untracked files, add it to git repository

git add –all

git add .

git add \*

git add filename(,s)

9. repeat step 7

10. commit changes to the local git repository

git commit –m “commit message”

Create a branch and modify it, commit and merge to master branch and delete this branch

1. Create new branch

git branch newbranchname

1. Select newbranch

git checkout newbranchname

1. Modify the files and commit.
2. Select master branch

git checkout master

1. Merge branch to master

git merge newbranchname

1. Delete newly created branch

git branch –d newbranchname

Github

1. Create a github account

Select username and set password and give prerequisite details for account creation.

1. Create a new github repository

git remote add origin

https://github.com/username/reposname.git

1. Push local repo to github

git push -u origin master

or

1. Give authencation & authorization rights to github to access push and pull commands
2. Refresh github repository to see local repository uploaded.
3. Modify a file and commit on github.
4. Create a newbranch
5. Modify a file in newbranch and commit
6. Compare and pull request to master branch
7. Merge newbranch on github to master branch
8. Delete the newbranch
9. Pull all these changes to local git repository

git pull origin master