**Git Commands**

1. To configure Git:

git config –global user.name “<User\_name>”

git config –global user.email <User\_email>

1. Initialize a git repository:

git init

1. Add files to staging state:

git add .

1. To commit the changes:

git commit –m “<message>”

1. To add branches:

git branch –m <branch\_name>

1. To connect remotely:

Git remote add origin <url>

1. To push the code:

Git push –u origin master

1. To check status:

Git status

1. Check commit history:

Git log

Git log -<no\_of\_commits>

Git log –online

Git log –stat

Git log –patch

1. Remove and move files:

Git rm <file\_name> ………..Removes the file

Git rm –cached <file\_name> …………………stop tracking

Git mv <file\_name> <new\_name>……………..Rename

1. Reset changes:

Git reset –soft ………………………….moves to staging area

Git reset –mixed ………………………moves to working directory

Git reset –hard…………………………..delete changes

1. Branches:

Git branch <branch\_name>

Git chechout –b <new\_branch>

1. Merge new branch to master branch:

Git merge <branch\_name>

1. Pull the repository:

Git clone <url>

1. To add README.md file:

Echo “#Repo\_name” >>README.md