**Git Commands and their usages**

**1.git config**

Usage: git config –global user.name “[name]”

Usage: git config –global user.email “[email address]”

This command sets the author name and email address respectively to be used with your commits.

**2.git init**

Usage: git init [repository name]

This command is used to start a new repository.

**3.git clone**

Usage: git clone [url]

This command is used to obtain a repository from an existing URL.

**4.git add**

Usage: git add [file]

This command adds a file to the staging area.

**5.git commit**

Usage: git commit -m “[ Type in the commit message]”

This command records or snapshots the file permanently in the version history.

**6.git diff**

Usage: git diff

This command shows the file differences which are not yet staged.

**7.git reset**

Usage: git reset [file]

This command unstages the file, but it preserves the file contents.

**8.git status**

Usage: git status

This command lists all the files that have to be committed.

**9.git rm**

Usage: git rm [file]

This command deletes the file from your working directory and stages the deletion.

**10.git log**

Usage: git log

This command is used to list the version history for the current branch.