**GIT – FREQUENTLY USED COMMANDS**

**Checkout :**

* git checkout <branch\_name>

(could be remote branch name also. But before pulling remote branch do git pull)

* git checkout <commit\_ref>

git checkout <branch\_name>

(to reset to branch last commit)

* git checkout -- <file-name>
* git checkout -b <new\_branch\_name>

**Branch :**

* git branch
* git branch <new\_branch\_name>
* git branch -d <branch\_to\_be\_deleted>
* git branch -a
* git branch -r

(only remote branches)

**Merge :**

* git checkout master

git checkout <branch\_to\_be\_merged>

* git merge --abort

(to abort the merge happend. To reset conflicted file)

* git merge --squash <branch\_to\_be\_merged>

(to merge the contents with out merging the history commits)

**Ignore :**

* check in .gitignore file or create from github repo
* # for comments

**Move or Rename :**

* git mv <source file> <target location>
* mv <source file> <target location>

git rm <source file>

git add <target file>

* git add -A .

(automatically detect moved files)

**Remove :**

* git rm <file name>
* rm <file name>

git rm <file name>

(or)

git add -u .

* git rm –cached <file name>

(delete from repo but not in dir)

**Logs :**

* git log
* git log --oneline
* git log --stat

(show filename)

* git log --patch

(show code diff)

* git log --graph --all --decorate --oneline --10

**Commit :**

* git add <file name>

(move to staging area)

* git commit -m “msg”

**Diff :**

* git diff

(from staging area)

* git diff --staged

(from last commit)

* git diff HEAD

(from the last commit)

* git diff --color--words

--word-diff

* git diff –stat

(only file diff)

**Push :**

* git push -u origin <new\_branch\_to\_be\_pushed>

(push newly created branch)

* git push

(push code changes)