**GIT COMMANDS**

**Initialize**

* **git init**

**Git configuration:**

* **git config --global user.name "phani"**
* **git config --global user.email** [**phani@gmail.com**](mailto:phani@gmail.com)
* **git config --global credential.helper store**

**clone**

* **git clone url**
* **git clone -b branchname URL**

**Git repo:**

* **git status**
* **git add .**
* **git add filename**
* **git add --all**
* **git commit -m “commit message”**

**Push**

* **git push origin branchname**
* **git push origin main**
* **git push origin –all**
* **git push**

**Logs**

* **git log**
* **git log -2**
* **git log -**5
* **git log filename**
* **git log commitid**
* **git show commitid**

**Branch**

* **git branch**
* **git branch -a**
* **git branch dev1**
* **git checkout dev1**
* **git checkout -b dev2**
* **git branch -D dev1 (Delete forcefully)**
* **git branch -d dev1**
* **git push origin –delete branchname**
* **git push origin –all**

**Merge**

* **git merge branchname**
  + **git checkout main**
  + **git merge test1**

**Rebase**

* **git rebase branch**
* **git rebase -i HEAD~3**

**Pull**

* **git pull**
* **git pull origin branchname**

**Fetch**

* **git fetch origin branchname**
* **git switch -c branchname  
    
  git pull = git fetch + git Merge**

**Tag**

* **git tag**
* **git tag tagname**
* **git tag -d tagname**
* **git push origin –delete tagname**
* **git checkout tagname**
  + **git switch -c branchname**
* **git push origin tagname**
* **git push –tags**

**Revert**

* **git revert commitID**
* **git revert HEAD~1**
* **git revert HEAD~2**

**Reset**

* **git reset –mixed commitID**
* **git reset –soft commitID**
* **git reset –hard commitID**

**Stash**

* **git stash**
* **git stash pop**
* **git stash pop stash @{0}**
* **git stash pop stash @{1}**
* **git stash drop**
* **git stash clear**

**cherry pick**

* **git cherry-pick commitID**

**Ammend**

* **git commit –amend**
* **git commit –amend –no-edit**