Command Line

Wednesday, May 15, 2019

10:56 AM

**First-Time Git Setup**

$ git config --global user.name "Pranav Shah"

$ git config --global user.email "shahpranav1094@gmail.com"

**Checking your system:**

$ git config –list

**Need Help:**

$ git <verb> –-help

$ git help <verb>

**Create a new Git Repository:**

$ git init

**Remove a Git Repository:**

$ rm -rf .git

**How to check Status of all the files in your Repository:**

$ git status

**How to manage private files in your Repository:**

* + Add list of files which you don't want to track.

$ touch .gitignore

**Git Staging Area:**

* + Add all files from working directory to staging area:

$ git add -A

* + Add a file from working directory to staging area:

$ git add <filename>

* + Remove all files from staging area:

$ git reset

* + Remove a file from staging area:

$ git reset <filename>

**Git Commits:**

* + Committing all files with message:
  + $ git commit -m "<message>"

**Cloning a remote repository:**

* + $ git clone <url> <where to clone>

**Viewing information about remote repository:**

* + Lists the repository information:

$ git remote -v

* + List all the branches locally as well as remotely:

$ git branch -a

**Comparing Changes:**

$ git diff

**Pushing Changes to Remote repository:**

$ git pull origin master

$ git push origin master

**Creating a new branch:**

$ git branch <branchname>

**List all branches:**

$ git branch

**After commit push branch to remote:**

$ git push -u origin testbranch

**Pushing changes to remote master branch:**

$ git pull origin master

$ git branch --merged

$ git merge TestBranch

$ git push origin master

**Deleting branch and remote branch:**

$ git branch -d <branchname>

$ git branch -a

$ git push origin --delete <branchname>