GIT

1. Download git from <https://git-scm.com/downloads>
2. Start git bash

Commands

1. To let git know who you are

$ git config --global user.name “name”

$ git config --gobal user.email “email id”

1. To know all your config list

$git config --list

1. To get git help

$ git help <verb> or $git <verb> -- help

1. To track a local project in GIT(i.e. to initialize a repo from existing code in local)

$git init => it will create a .git file in your local repo

1. Remove tracking of your local repo

$rm –rf .git => removes .git file from your repo

1. Get already present Git repo to your local

$git clone <url>

1. Get status of your local repo files

$git status

1. Move files from local to staging area

**All Files:**

$git add –A or $git add .

**One file:**

$git add filename

1. Remove files from the staging area

**One File:**

$git reset filename

**All files:**

$git reset

1. Commit files from staging area to remote repo

$git commit –m “message”

1. To get your commit logs

$git log

1. View info abt remote repo

$git remote –v => list repo info

1. Get branch info

$git branch –a

**To push changes to the remote**

1. To see code differences before staging

$git diff

1. To get latest changes from remote to local

$git pull origin master

1. push your changes now from local to remote

$git push origin master => here From: origin and To: master

**Creating branch in GIT**

1. Create branch

$git branch branchname

1. View all local branches

$git branch

1. To start working on your branch

$ git checkout branch\_name

* Now start working on your branch

1. Push branch changes

$git push –u origin branch\_name

1. Merge branch to Master

$git checkout master

$git pull origin master

$git branch –merged => shows branches that are already merged

$git merge branch\_name

$git push origin master => push changes from local to remote master branch

**Delete your branch**

1. Delete branch

$git branch –merged

$git branch –d branch\_name =>deletes branch from local

$git branch –a

$git push origin –delete branch\_name =>deletes branch from the remote repo