* GIT is a version control system for tracking changes in computer files. It is used for coordinating work among several people on a project and tracking process overtime.
* Different commands in GIT –
  + Git config – Configure the username and email address. Helps in configuring on global or local level.
  + Git init – Initialize a local Git repository. Whenever we run this command a folder by name .git is created and from that time git will track any change made to that folder. It also creates a new repository and a new branch by a default name Master branch.
  + Git add – Add one or more files to the staging area. This command can add one or more file or an entire folder to the repository.
  + Git diff – View the changes made to the file. We can view or find the changes between the commits.
  + Git commit – Commit changes to head but not to the remote repository. This helps in committing all the work we have done.
  + Git reset – Undo the local changes to the state of a Git repository.
  + Git status – Displays the state of the working directory and staging area.
  + Git fetch – Git fetch command downloads content from the required remote repository.
  + Git merge – Merge a branch into an active branch.
  + Git push – Upload content from local repository to a remote repository (server).
  + Git pull – Fetch and download content from a remote repository and update them in local repository.
* git config --global user.name “Raju Ranjan”
* git config --global user.email [abcd@gmail.com](mailto:abcd@gmail.com)
* git config --list
* pwd
* mkdir git\_demo
* cd git\_demo
* pwd
* mkdir FirstRepo
* cd FirstRepo
* git init
* touch alpha.txt
* notepad alpha.txt (notepad will open. Type something and save and close it)
* git status
* git add .
* git commit -m “beta gamma”
* git log
* git remote add origin <https://github.com/simple/FirstRepo.git>
* git remote -v
* git push -u origin master
* mkdir changes
* cd changes
* pwd
* git init
* git pull <https://github.com/simple/FirstRepo.git>
* C:/windows/notepad alpha
* C:/windows/notepad beta
* git status
* git add .
* git commit -m “changes made”
* git status
* git remote add origin <https://github.com/simple/FirstRepo.git>
* git remote -v
* git push -u origin master
* git clone <https://github.com/simple/FirstRepo.git>