



## Video 1 Basic Commands

- **ls** : *list down* data of current working directory
- **ls -a** : list down *hidden* repo also
- **pwd** : path of current working directory
- **cd** : change directory to given path
- **clear** : to *clear* the terminal
- **cd ..** : go *back one step*
- **cd /** : go back to into the *root directory*
- **cd ~** : go back to home directory
- **touch filename.type** : to create a file
- **touch filename1.type filename2.type** : to create multiple file
- **mkdir** : to create a new folder/repo
- **mkdir foldername1 foldername2** : to create multiple folder at once
- **rm filename.type** : to delete file
- **rmdir foldername** : to delete directory
- **rm -rf foldername** : to delete directory having data

## Video 2 Advance Commands (1)

- **vi filename.Type** : to edit file in vim (Esc+ : + x save & exit) (Esc + : + q exit)
- **cat filename.Type** : display file content
- **git init** : Creates a **.git folder** that contain a collection of files of various different versions of a Project
- **git status** : status of working directory and staging area
- **git add .** : adds a change in the working directory to the staging area
- **git add filename.Type** : to add a single file to the staging area
- **git commit -m "commit message"** : saving changes to git
- **git log** : display changes have been staged and by whom
- **git restore --staged filename.type** : unstage file
- **git reset** : unstage all your files at once
- **git rm --cached filename.Type/directory** : to remove the version/data history from git repo
- **git rm -r --cached filename.Type/directory** : to remove the version/data history from git repo forcefully
- **git stash** : takes your uncommitted changes (both staged and unstaged), take and hold them in stack (backstage)
- **git stash pop** : applies the top stashed element and removes it from the stack (backstage)
- **git stash apply** : applies the top stashed element and keeps it in the stack (backstage)
- **git stash clear** : to clear the stack (backstage)

### Video 3 Advance Commands (2)

- **git remote add origin** : repository url link
  - **git remote -v** : show url attached to git repository
  - **git add .** : adds a change in the working directory to the staging area
  - **git commit -m "commit message"** : saving changes to git
  - **git push origin master** : push to github repository as (master)
  - **git pull origin master**: used to fetch and download content from a remote repository
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- **git branch 'branch name'** : to create new branch
  - **git branch -a** : see all branches created so far
  - **git checkout 'branch name'** : switch to the branch
  - **git branch -b 'branch name'** : to create new branch + switch to the branch
  - **git merge 'new branch name'** : merge new branch into your current branch
  - **git branch -d 'branch name'** : to delete branch
  - **history** : to see all commands used by you till date
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- **git stash** : takes your uncommitted changes (both staged and unstaged), take and hold them in stack (backstage)
  - **git stash clear** : to clear the stack (backstage)
  - **git stash pop** : applies the top stashed element and removes it from the stack (backstage)
  - **git stash apply** : applies the top stashed element and keeps it in the stack (backstage)