**1. git config**

To set the basic configurations on Git like your name and email.

**git config**

**2. git config –-global user.name**

Sets configuration values for your user name on git.

**git config –-global user.name “Ashish Madaan”**

**3. git config –-global user.email**

Sets configuration values for your user email on git.

**git config –-global user.email** [**jayashsawant13@gamil.com**](mailto:jayashsawant13@gamil.com)

**4. mkdir**

Create a directory if not created initially.

**mkdir store**

**5. cd**

To go inside the directory and work on its contents.

**cd Pract1**

**6. git init**

To create a local git repository for us in our store folder. This will help to manage the git commands for that particular repository.

**git init**

**7. git status**

To see what’s changed since the last commit. It shows all the files that have been added and modified and are ready to be committed and files that are untracked.

**git status**

**8. git add Readme.txt**

To add a file Readme.txt to the staging area to track its changes.

git add Readme.txt  
  
9**. git commit -m “ ”**

To commit our changes(taking a snapshot) and provide a message to remember for future reference.

git commit -m “Created a Readme.txt”

**10. git log**

To check the history of commits for our reference.

git log

**11. git add**

To add a specific list of files to the staging area.

git add

**12. git add –all**

To add all files of the current directory to the staging area.

git add --all

**13. git add \*.txt**

To add all text files of the current directory to the staging area.

git add \*.txt

**14. git diff**

To figure out what changes you made since the last commit.

git diff

**15. git commit -a -m “ ”**

To add any of our tracked files to the staging area and commit them by providing a message to remember.

git commit -a -m “Readme.md”.

**16. git remote add origin**

These commands make a bookmark which signifies that this particular remote refers to this URL. This remote will be used to pull any content from the directory and push our local content to the global server.

git remote add origin <https://github.com/madaan123/MyAlgorithms.git>

**17. git remove rm**

To remove a remote from our local repository.

git remove rm

**18. git push -u origin master**

To push all the contents of our local repository that belong to the master branch to the server(Global repository).

git push -u origin master

**19. git clone https://github.com/madaan123/MyAlgorithms.git**

To clone or make a local copy of the global repository in your system   
(git clone command downloads the repository and creates a remote named origin which can be checked by the command – git remote -v).

git clone https://github.com/madaan123/MyAlgorithms.git

**20. git branch Testing**

To create a new branch named Testing.

git branch Testing

**21. git branch**

To see all the branches present and current branches that we are working on.

git branch

**22. git checkout Testing**

To switch to branch Testing from the master branch.

git checkout Testing

**23. ls**

To see directories and files in the current directory.

ls

**24. ls -la**

To see hidden directories and files within the current directory.

ls -la

**25. git merge Testing**

To merge the Testing branch with the master branch.

git merge Testing

**26. git branch -d Testing**

To delete the Testing branch.

git branch -d Testing