**SIMPLE TASKS**

Git Command Install git Sudo apt install git

1. git config Usage: git config user.name “[name]” Usage: git config user.email “[email address]” This command sets the author name and email address respectively to be used with your commits.

2. git init Usage: git init [repository name] This command is used to start a new repository.

3. git clone Usage: git clone [url] This command is used to obtain a repository from an existing URL

4. git add Usage: git add [file] This command adds a file to the staging area.

5. git commit Usage: git commit -m “[ Type in the commit message]” Usage: git commit -a This command commits any files you’ve added with the git add command and also commits any files you’ve changed since then.

6. git diff Usage: git diff This command shows the file differences which are not yet staged.

7. Usage: git diff [first branch] [second branch]

8.git reset Usage: git reset [file]

9. git status Usage: git status This command lists all the files that have to be committed.

10. git rm Usage: git rm [file] This command deletes the file from your working directory and stages the deletion.

11. git log Usage: git log This command is used to list the version history for the current branch.

12. git show Usage: git show [commit] This command shows the metadata and content changes of the specified commit

13.git branch Usage: git branch This command lists all the local branches in the current repository. Usage: git branch [branch name] This command creates a new branch. Usage: git branch -d [branch name] This command deletes the feature branch.

14. git checkout Usage: git checkout [branch name] This command is used to switch from one branch to another

15. git merge Usage: git merge [branch name] This command merges the specified branch’s history into the current branch.

16. git push Usage: git push [variable name] master

This command sends the committed changes of master branch to your remote repository. Usage: git push [variable name] [branch] This command sends the branch commits to your remote repository. Usage: git push –all [variable name] This command pushes all branches to your remote repository. Usage: git push [variable name] :[branch name] This command deletes a branch on your remote repository.

17. git pull Usage: git pull [Repository Link] This command fetches and merges changes on the remote server to your working director