**Git and Github:**

1. **ls**

List

1. **ls –a**

List all including hidden

1. **git init**

Initialize the .git file that contains the history of the project

1. **git add <filename>**

To add a file on stage

1. **git add** (dot)

To add all files in the present working directory on stage

1. **git reset <filename>** or **git rm –cached <filename>**

To remove a file from stage

1. **git commit –m “<message>”**

To commit the changes in the repository

1. **git status**

To check the status of file that whether it is on stage or not or whether the changes that you’ve done are being putted on stage or not

1. **git log**

To see all the commits that were made in the pwd(present working directory) with the time zones

1. **touch <filename with extension>**

To create a file with given extension

1. **vi <filename.txt>**

To open the text file in vim editor

1. **:wq**

This is done when inside the vim editor press **Esc** then type :wq (write quit). This is done to write the changes inside the file on the disc and it writes everytime on the disc even if the changes are made or not. Modification time will be changed everytime.

1. **:x**

It just exits the buffer. It only writes on the disc if changes are made and do not write if change are not made. Modification time will be untouched if the file is not changed.

1. **cat <filename.txt>**

To show the content of text file

1. **rm –rf <filename> --------🡪** rm is short for “remove” and –r is short for recursive to delete the subdirectories and content inside too. Whereas, -f is short for force to forcefully delete the files.
2. **git stash ---------🡪** When you want your on stage files to like “Go back to the back stage” And when I want I will make you bring back on stage. But I don’t want to commit and make history. So this is where it is used
3. **git stash pop ----🡪** All the files who were at the back stage, come on stage.
4. **git stash clear --🡪** When you want all the files on the back stage to go away and you don’t want any of them to come on stage.