**Git Commands**

Git Configuration

* git config --global user.name “name”
* git config --global user.email “ [your.email@example.com](mailto:your.email@example.com)”

In the terminal

* mkdir SampleApp : – Create new folder named SampleApp
* cd SampleApp : – go to project folder
* git init : – initialize the repository
* touch filename.txt : – to add new file in the folder
* git add . : – to stage add the modified files
* git add “filename” : – to stage the particular file
* git commit -m “message” : – to commit the local changes
* git log : – to see the logs of the changes.
* git log - - oneline : – small logs

Correct the last commit message

* git commit - - amend -m “message”

Recover a deleted file that was not committed

* git checkout file.txt
* ls - al : – list all the files

Recover a deleted file that was committed

* git reset - - hard HEAD~1

Recover committed files after more commits

* git log - - follow -p - - filename
* git checkout hash filename

Reverting a commit

* git revert HEAD
* git revert <commit hash>

Link local repository to github

* git remote add origin <https://github.com/your-username/your-repository.git>

Push changes to github

* git remote
* git remote show origin
* git push origin main

Create a branch

* git branch xyzbranch
* git push origin xyzbranch

View all branches

* git branch

Rename a branch

* git branch -m oldBranchName newBranchName