Git Command:

* Install git: sudo apt install git and sudo apt install libz-dev libssl-dev libcurl4-gnutls-dev libexpat1-dev gettext cmake gcc
* Check version: git --version
* Manual page open: git help config or git config –help
* Initialize directory: git init
* Check status: git status
* Add an exception for a directory: git config --global --add safe.directory /var/www/html
* Adding files to current git directory: git add indes.html
* Commit message: git commit -m “Committing html file”
* Link local git to remote git account: git config --global user.username “bc210422179ash” or git config --global user.email bc210422179ash@vu.edu.pk
* Create Repository in github and copy link url
* Link local git to remote github repo: git remote add origin https://github.com/bc210422179ash/aqibshshzad.com.git
* Config file edit: nano ~/.gitconfig
* Push local files to remote repo: git push origin master
* Check differences: git diff
* View Branches: git branch
* Creating branch: git branch branch-name
* Move to any branch: git branch branch-name
* Add files to the branch: git add file-name( in branch )
* Checkout to master branch: git checkout master
* Merge Branch with master branch: git merge branch-name ( in master branch )
* View Config: git config –list
* Remove file from Git: git rm --cached file-name
* Check log: git log
* Add all files to git: git add .
* Check remote repo: git remote -v
* Create SSH Keygen from Client: ssh-keygen -t rsa -C [bc210422179ash@vu.edu.pk](mailto:bc210422179ash@vu.edu.pk)
* Add ssh key in github
* Check ssh key: ssh -T [git@github.com](mailto:git@github.com)
* Clone remote repo using ssh: git clone git@github.com:bc210422179ash/aqibshshzad.com.git
* Check git commits history: git log –pretty=online
* Delete commit history but keep changes: git reset --soft commit-id
* Delete history change: git revert commit-id
* Check Branches: git branch -v
* Push local branch to remote server: git push -u origin LHR\_Branch
* Delete local Branch: git branch -D LHR\_Branch
* Delete Branch from Remote: git branch origin –delete LHR\_Branch
* List all Branches: git branch -av
* List merge conflicts: git log --merge
* Undo changes of working directory: git reset --mixed
* Abort merge: git merge --abort
* Conflicted files reset to original state on merge conflict: git reset
* Pull conflicts: git pull --rebase origin master
* Setup merge tool: git config --global merge.tool p4merge
* Git merge tool: git mergetool
* Continue after mergeconflic manual remove: git rebase --continue