Git concepts in Q&A format as per project requirement

Q: How to check the whether Git is installed or not

Ans: git –version

Q: Git global configuration

Ans: git config –global user.name "sridhar"

      git config –global user.email cv.sridhar@live.com

Q: Check the contents of the directory

Ans: ls -ls

Q: Creating the repository

Ans: git init

Q: Linking the remote repository to git local (Github to git) using Https

Ans: git remote add origin "Github path of login uder"

Q: Linking the remote repository to git local (Github to git) using ssh public key

Ans: ssh-keygen

      Again press enter – overwrite (Yes) – Pass phrase 2 times : here mention the passcode

Q: Retrieve the SSH public key

Ans: cat (Saved file .pub file fath)

Q: Adding ssh key in to github central repository

Ans: go to profie > settings > SSH and GPG keys > Newssh > Type the name and paste the SSH key and Addssh key

Now in command prompt > ssh –T git@github.com

Q: Fethch all files from Central respository to local respositary

Ans: git pull origin marster

Q: Check the contents of the main directory

Ans: ls -lrt

Q: Check the contents of the hidden directory

Ans: ls -la

Q: status of the repository

Ans: git status

Q: indexing the file

Ans: git add "Filename.extension"

Q: Indexing all files

Ans: git add -A

Q: clear the screen

Ans: clear

Q: Commit the changes

Ans: git commit –m "Initial version"

Q: Commit the changes for all files

Ans: git commit –a –m "all files changed"

Q: Retrieving the modified data

Ans: cat filename.extension

Q: update the older data before modification

Ans: git log (copy the first 8 digit hexacode of older version

git checkout 8digit code initiation name

Q: creating the branch

Ans: git branch firstbranch (firstbranch is the name given by to us for particular branch)

Q: Entering in to branch

Ans: git checkout firstbranch

Q: Merging the branch data to master

Ans: git merge firstbranch

Q: After modify the files and tracking changes

Ans: git commit –a –m "modifying the existing file"

Q: Status of modified file

Ans: cat filename.extension

Q: Rebasing in the master

Ans: git rebase firstbranch

Q: Push the files

Ans: git push origin firstbranch