**Git Commands:**

**Set Username and Email:**

git config user.name “Vivek Makwana”

git config user.email “[vivekmakwana848350@gmail.com](mailto:vivekmakwana848350@gmail.com)”

**View User and Email:**

git config user.name

git config user.email

**Initialized the empty folder/directory:**

git init

change the directory:

cd d:

make a directory:

mkdir test

make a file:

touch index.html – will create a file only

nano index.html – will create the file and opened it in the editor

**Check files status:**

git status

**Add and commit file:**

2 ways to add file:

(1) individual file

git add index.html – with file name

(2) All files

git add . (last is period)

commit a file:

git commit -m “index files commited”

**Track the file changes:**

git log

git log -- oneline (use for single line message)

**Checkout commit - only for the previous code preview**

git checkout logID (here the logid will be used at the end for particular commit)

git checkout master

**Revert commit - to remove a particular feature**

git revert logID (here the logid will be used at the end for particular commit)

another editable text will appear for the revert to exit:

shift + :

type wq

**Reset commit -- this will not make change anything in the present working directory**

git reset logID

**This will make a change in the commits (permanent deletes changes)**

git reset logID --hard

**For adding new feature in future and make a branch**

git branch feature-1 (at last we used branch name)

**For list the branch available in the repo**

git branch -a

// to go to particular branch

git checkout feature-1 (at last we used branch name)

// In branch you can make changes in the project by not modifying the master branch

// So the changes made to other branch will not be appear to the master branch

// delete a branch (if not merged)

git branch -D branch\_name (at last use the branchname)

// for making a new branch and go directly into it

git checkout -b branch\_name (at last use the branchname)

// merging 2 branch into master branch

git merge feature-a

git merge feature-b