1. Create a local folder and make it as a Git repository

Enable GIT:

D:\AprDemo>git

'git' is not recognized as an internal or external command,

operable program or batch file.

D:\AprDemo>set path=D:\Hema\_contents\java\_jee\GIT\Git\bin;%path%

Make this folder as a Repository

D:\AprDemo>git init

Initialized empty Git repository in D:/AprDemo/.git/

D:\AprDemo>git status

On branch master

Initial commit

Untracked files:

(use "git add <file>..." to include in what will be committed)

f1.txt

f2.txt

nothing added to commit but untracked files present (use "git add" to track)

# Choose the files that should be included in the git Commit

# Git gives u a staging area – temporary buffer area

# You have to move the file(s) to staging area. Whatever is in staging area will be committed

# This command moves f1.txt to staging area

D:\AprDemo>git add f1.txt

# To move all files - git add .

D:\AprDemo>git commit -m "Version 1.0"

[master (root-commit) 6b13efc] Version 1.0

1 file changed, 1 insertion(+)

create mode 100644 f1.txt

D:\AprDemo>git status

On branch master

Untracked files:

(use "git add <file>..." to include in what will be committed)

f2.txt

nothing added to commit but untracked files present (use "git add" to track)

D:\AprDemo>git tag "C1" -m "Version 1 of files" 6b13efc

D:\AprDemo>cat f1.txt

Welcome to GIT

D:\AprDemo>cat f1.txt

Welcome to GIT

\*\*\*\*\*\*\*\*\*\*\*

New code added to f1

D:\AprDemo>git status

On branch master

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git checkout -- <file>..." to discard changes in working directory)

modified: f1.txt

Untracked files:

(use "git add <file>..." to include in what will be committed)

f2.txt

no changes added to commit (use "git add" and/or "git commit -a")

D:\AprDemo>git add .

D:\AprDemo>git commit -m "Version 2.0"

[master 5a107c0] Version 2.0

2 files changed, 4 insertions(+), 1 deletion(-)

create mode 100644 f2.txt

D:\AprDemo>git tag "C2" -m "Change 2 commited" 5a107c0

\*\*\*\*\*\*\*\*Code to revert to first commit files\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

D:\AprDemo>cat f1.txt

Welcome to GIT

\*\*\*\*\*\*\*\*\*\*\*

New code added to f1

D:\AprDemo>git checkout C1

Note: checking out 'C1'.

You are in 'detached HEAD' state. You can look around, make experimental

changes and commit them, and you can discard any commits you make in this

state without impacting any branches by performing another checkout.

If you want to create a new branch to retain commits you create, you may

do so (now or later) by using -b with the checkout command again. Example:

git checkout -b new\_branch\_name

HEAD is now at 6b13efc... Version 1.0

D:\AprDemo>cat f1.txt

Welcome to GIT

D:\AprDemo>git checkout C2

Previous HEAD position was 6b13efc... Version 1.0

HEAD is now at 5a107c0... Version 2.0

D:\AprDemo>cat f1.txt

Welcome to GIT

\*\*\*\*\*\*\*\*\*\*\*

New code added to f1

Git show : Show the status of the last commit

Git diff C1: show the difference between files in current commit and C1

C:\Users\hemag.CORP>D:

D:\>cd NewRepo

D:\NewRepo>set path=D:\Hema\_contents\java\_jee\GIT\Git\bin;%path%

D:\NewRepo>git init

Initialized empty Git repository in D:/NewRepo/.git/

D:\NewRepo>git clone D:\AprDemo

Cloning into 'AprDemo'...

done.

D:\NewRepo>git clone GUIDemo

fatal: repository 'GUIDemo' does not exist

D:\NewRepo>git clone D:\GUIDemo

Cloning into 'GUIDemo'...

done.

D:\NewRepo>

D:\NewRepo>git clone https://github.com/HemaGRepo/R2.git

Cloning into 'R2'...

fatal: unable to access 'https://github.com/HemaGRepo/R2.git/': Received HTTP co

de 407 from proxy after CONNECT

D:\NewRepo>git config --global http.proxy chnproxy.igate.com:8080

D:\NewRepo>git clone https://github.com/HemaGRepo/R2.git

Cloning into 'R2'...

remote: Counting objects: 20, done.

remote: Compressing objects: 100% (16/16), done.

remote: Total 20 (delta 3), reused 0 (delta 0), pack-reused 0

Unpacking objects: 100% (20/20), done.

error: waitpid for fetch-pack failed: No child processes