**3. Git-HOL**

C:\Users\Aswin S>git init

Initialized empty Git repository in C:/Users/Aswin S/.git/

C:\Users\Aswin S>echo "Welcome to GitLabLogLab" > welcome.txt

C:\Users\Aswin S>git add welcome.txt

C:\Users\Aswin S>git commit -m "Initial commit with welcome.txt"

[master (root-commit) 0b7e1a6] Initial commit with welcome.txt

1 file changed, 1 insertion(+)

create mode 100644 welcome.txt

C:\Users\Aswin S>git branch GitNewBranch

C:\Users\Aswin S>git branch

GitNewBranch

\* master

C:\Users\Aswin S>git checkout GitNewBranch

Switched to branch 'GitNewBranch'

C:\Users\Aswin S>echo "This is from GitNewBranch" > branchfile.txt

C:\Users\Aswin S>git add branchfile.txt

C:\Users\Aswin S>git commit -m "Add branchfile.txt in GitNewBranch"

[GitNewBranch ad9f121] Add branchfile.txt in GitNewBranch

1 file changed, 1 insertion(+)

create mode 100644 branchfile.txt

C:\Users\Aswin S>git checkout master

Switched to branch 'master'

C:\Users\Aswin S>git diff master..GitNewBranch

diff --git a/branchfile.txt b/branchfile.txt

new file mode 100644

index 0000000..df415d4

--- /dev/null

+++ b/branchfile.txt

@@ -0,0 +1 @@

+"This is from GitNewBranch"

C:\Users\Aswin S>git merge --no-ff GitNewBranch -m "Merge GitNewBranch into master"

Merge made by the 'ort' strategy.

branchfile.txt | 1 +

1 file changed, 1 insertion(+)

create mode 100644 branchfile.txt

C:\Users\Aswin S>git log --oneline --graph --decorate --all

\* 4ef97dc (HEAD -> master) Merge GitNewBranch into master

|\

| \* ad9f121 (GitNewBranch) Add branchfile.txt in GitNewBranch

|/

\* 0b7e1a6 Initial commit with welcome.txt

C:\Users\Aswin S>git branch -d GitNewBranch

Deleted branch GitNewBranch (was ad9f121).

C:\Users\Aswin S>git remote add origin https://github.com/Aswincse/GitDemo.git

C:\Users\Aswin S>git push -u origin master

Enumerating objects: 7, done.

Counting objects: 100% (7/7), done.

Delta compression using up to 8 threads

Compressing objects: 100% (4/4), done.

Writing objects: 100% (7/7), 647 bytes | 323.00 KiB/s, done.

Total 7 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)

remote: Resolving deltas: 100% (1/1), done.

remote:

remote: Create a pull request for 'master' on GitHub by visiting:

remote: https://github.com/Aswincse/GitDemo/pull/new/master

remote:

To https://github.com/Aswincse/GitDemo.git

\* [new branch] master -> master

branch 'master' set up to track 'origin/master'.  
  
**OUTPUT:**

