Name - Subha Ranjan Sahoo

Batch – CPPE_Java Full Stack

Assignment 1

Q. Initialize a new Git repository in a directory of your choice. Add a simple text file to the repository and make the first commit.

Answer:

GIT BASH Screenshot

```
MINGW64:/f/Assignment-work

subha@SubhaRanjanSahoo MINGW64 /f/Assignment-work (master)
$ echo "This is my first file in the Git repository." > example.txt

subha@SubhaRanjanSahoo MINGW64 /f/Assignment-work (master)
$ git status
On branch master
Your branch is up to date with 'Subharanjan-Sahoo/master'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        example.txt

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

subha@SubhaRanjanSahoo MINGW64 /f/Assignment-work (master)
$ git add .
warning: in the working copy of 'example.txt', LF will be replaced by CRLF the n
ext time Git touches it

subha@SubhaRanjanSahoo MINGW64 /f/Assignment-work (master)
$ git status
On branch master
Your branch is up to date with 'Subharanjan-Sahoo/master'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   example.txt


subha@SubhaRanjanSahoo MINGW64 /f/Assignment-work (master)
$ git commit -m"First Commit"
[master ccd0d9e] First Commit
 1 file changed, 1 insertion(+)
 create mode 100644 example.txt
```
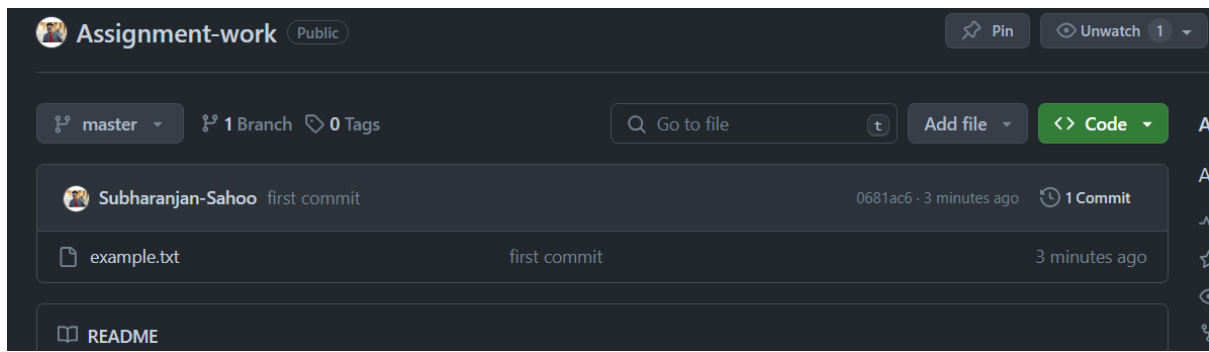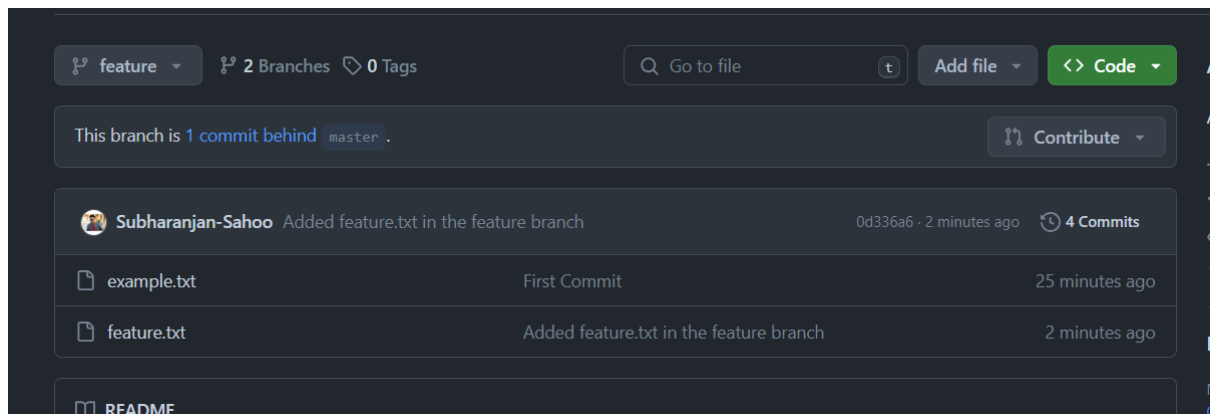
```
subha@SubhaRanjanSahoo MINGW64 /f/Assignment-work (master)
$ git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Writing objects: 100% (3/3), 297 bytes | 297.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Subharanjan-Sahoo/Assignment-work.git
   5e0072c..ccd0d9e  master -> master

subha@SubhaRanjanSahoo MINGW64 /f/Assignment-work (master)
$ |
```

Assignment 2

Q. Create a new branch named 'feature' and switch to it. Make changes in the 'feature' branch and commit them.

Answer:

GIT BASH Screenshot

GITHUB Screenshot

Assignment 3

Q.Create a 'hotfix' branch to fix an issue in the main code. Merge the 'hotfix' branch into 'main' ensuring that the issue is resolved.

Answer:

GIT BASH Screenshot

GITHUB Screenshot