COGNIZANCE CLUB

TASK 1

NAME: MOULIKA (21232)

CSE:C

CREATING A REPOSITOR

```
mouli@LAPTOP-4JTM4O8A MINGW64 ~
$ cd c :
bash: cd: too many arguments

mouli@LAPTOP-4JTM4O8A MINGW64 ~
$ cd c:

mouli@LAPTOP-4JTM4O8A MINGW64 /c
$ cd users/mouli/desktop

mouli@LAPTOP-4JTM4O8A MINGW64 /c/users/mouli/desktop
$ mkdir Cognizance

mouli@LAPTOP-4JTM4O8A MINGW64 /c/users/mouli/desktop
$ cd cognizance

mouli@LAPTOP-4JTM4O8A MINGW64 /c/users/mouli/desktop/cognizance
$ git init
Initialized empty Git repository in C:/Users/mouli/Desktop/Cognizance/.git/
```

GIT ADD

```
mouli@LAPTOP-4JTM4O8A MINGW64 /c/users/mouli/desktop/cognizance (master)
$ git add test1.py
```

GIT STATUS

```
mouli@LAPTOP-4JTM4O8A MINGW64 /c/users/mouli/desktop/cognizance (master)
$ git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)

mouli@LAPTOP-4JTM4O8A MINGW64 /c/users/mouli/desktop/cognizance (master)
$ touch test1.py

mouli@LAPTOP-4JTM4O8A MINGW64 /c/users/mouli/desktop/cognizance (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        test1.py

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

mouli@LAPTOP-4JTM4O8A MINGW64 /c/users/mouli/desktop/cognizance (master)
$ git add test1.py

mouli@LAPTOP-4JTM4O8A MINGW64 /c/users/mouli/desktop/cognizance (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   test1.py
```

GIT CLONE

```
mouli@LAPTOP-4JTM4O8A MINGW64 /c/users/mouli/desktop/cognizance (master)
$ git clone https://github.com/moulika183/Cognizance.git
Cloning into 'Cognizance'...
warning: You appear to have cloned an empty repository.
```

GIT COMMIT

```
mouli@LAPTOP-4JTM4O8A MINGW64 /c/users/mouli/desktop/cognizance (master)
$ git commit -m "hello world"
[master (root-commit) a42b223] hello world
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 test1.py
```

GIT PUSH

```
mouli@LAPTOP-4JTM4O8A MINGW64 /c/users/mouli/desktop/cognizance (master)
$ git push origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 212 bytes | 212.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/moulika183/Cognizance.git
 * [new branch]      master -> master
```

GIT BRANCH

```
mouli@LAPTOP-4JTM4O8A MINGW64 /c/users/mouli/desktop/cognizance (master)
$ git branch folder1

mouli@LAPTOP-4JTM4O8A MINGW64 /c/users/mouli/desktop/cognizance (master)
$ git branch
  folder1
* master
```

GIT CHECKOUT

```
mouli@LAPTOP-4JTM4O8A MINGW64 /c/users/mouli/desktop/cognizance (master)
$ git checkout

mouli@LAPTOP-4JTM4O8A MINGW64 /c/users/mouli/desktop/cognizance (master)
$ git checkout folder1
Switched to branch 'folder1'
```

GIT FETCH

```
mouli@LAPTOP-4JTM4O8A MINGW64 /c/users/mouli/desktop/cognizance (folder1)
$ git fetch https://github.com/moulika183/Cognizance.git
From https://github.com/moulika183/Cognizance
 * branch          HEAD        -> FETCH_HEAD

mouli@LAPTOP-4JTM4O8A MINGW64 /c/users/mouli/desktop/cognizance (folder1)
$ git fetch https://github.com/moulika183/Cognizance.git folder1
fatal: couldn't find remote ref folder1

mouli@LAPTOP-4JTM4O8A MINGW64 /c/users/mouli/desktop/cognizance (folder1)
$ git fetch https://github.com/moulika183/Cognizance.git master
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 650 bytes | 46.00 KiB/s, done.
From https://github.com/moulika183/Cognizance
 * branch          master      -> FETCH_HEAD

mouli@LAPTOP-4JTM4O8A MINGW64 /c/users/mouli/desktop/cognizance (folder1)
$ git fetch --all
Fetching origin
From https://github.com/moulika183/Cognizance
   a42b223..661f336  master      -> origin/master

mouli@LAPTOP-4JTM4O8A MINGW64 /c/users/mouli/desktop/cognizance (folder1)
$ git fetch origin
```

GIT PULL

```
$ git pull
There is no tracking information for the current branch.
Please specify which branch you want to merge with.
See git-pull(1) for details.

    git pull <remote> <branch>

If you wish to set tracking information for this branch you can do so with:

    git branch --set-upstream-to=origin/<branch> folder1


mouli@LAPTOP-4JTM4O8A MINGW64 /c/users/mouli/desktop/cognizance (folder1)
$ git pull https://github.com/moulika183/Cognizance.git
From https://github.com/moulika183/Cognizance
 * branch            HEAD        -> FETCH_HEAD
Updating a42b223..661f336
Fast-forward
 folder1 | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 folder1

mouli@LAPTOP-4JTM4O8A MINGW64 /c/users/mouli/desktop/cognizance (folder1)
$ git pull origin master
From https://github.com/moulika183/Cognizance
 * branch            master      -> FETCH_HEAD
Already up to date.
```

GIT MERGE

```
mouli@LAPTOP-4JTM4O8A MINGW64 /c/users/mouli/desktop/cognizance (folder1)
$ git merge master
Already up to date.
```

GIT REBASE

```
mouli@LAPTOP-4JTM4O8A MINGW64 /c/users/mouli/desktop/cognizance (folder1)
$ git rebase master
Current branch folder1 is up to date.
```

GIT COMMIT-A

```
mouli@LAPTOP-4JTM4O8A MINGW64 /c/users/mouli/desktop/cognizance (folder1)
$ git commit -a
On branch folder1
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        Cognizance/

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

GIT CHECKOUT -B

```
mouli@LAPTOP-4JTM4O8A MINGW64 /c/users/mouli/desktop/cognizance (folder1)
$ git checkout -b folder2
Switched to a new branch 'folder2'
```

GIT CONFIG --LIST --SHOW-ORIGIN

```
mouli@LAPTOP-4JTM4O8A MINGW64 /c/users/mouli/desktop/cognizance (folder2)
$ git config --list --show-origin
file:C:/Program Files/Git/etc/gitconfig diff.astextplain.textconv=astextplain
file:C:/Program Files/Git/etc/gitconfig filter.lfs.clean=git-lfs clean -- %f
file:C:/Program Files/Git/etc/gitconfig filter.lfs.smudge=git-lfs smudge -- %f
file:C:/Program Files/Git/etc/gitconfig filter.lfs.process=git-lfs filter-process
file:C:/Program Files/Git/etc/gitconfig filter.lfs.required=true
file:C:/Program Files/Git/etc/gitconfig http.sslbackend=openssl
file:C:/Program Files/Git/etc/gitconfig http.sslcainfo=C:/Program Files/Git/mingw64/ssl/certs/ca-b
file:C:/Program Files/Git/etc/gitconfig core.autocrlf=true
file:C:/Program Files/Git/etc/gitconfig core.fscache=true
file:C:/Program Files/Git/etc/gitconfig core.symlinks=false
file:C:/Program Files/Git/etc/gitconfig pull.rebase=false
file:C:/Program Files/Git/etc/gitconfig credential.helper=manager-core
file:C:/Program Files/Git/etc/gitconfig credential.https://dev.azure.com.usehttppath=true
file:C:/Program Files/Git/etc/gitconfig init.defaultbranch=master
file:C:/Users/mouli/.gitconfig   user.name=Moulika
file:C:/Users/mouli/.gitconfig   user.email=moulikasai183@gmail.com
file:.git/config         core.repositoryformatversion=0
file:.git/config         core.filemode=false
file:.git/config         core.bare=false
file:.git/config         core.logallrefupdates=true
file:.git/config         core.symlinks=false
file:.git/config         core.ignorecase=true
file:.git/config         remote.origin.url=https://github.com/moulika183/Cognizance.git
file:.git/config         remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
```

GIT RESET

```
mouli@LAPTOP-4JTM4O8A MINGW64 /c/users/mouli/desktop/cognizance (folder2)
$ git reset --soft
```