COGNIZANCE

TASK-1

NAME:SAHANA

CSE-C

CREATING A REPOSITORY

```
SAHANA@LAPTOP-ED1SI3GG MINGW64 ~
$ cd c:

SAHANA@LAPTOP-ED1SI3GG MINGW64 /c
$ cd users/SAHANA/desktop

SAHANA@LAPTOP-ED1SI3GG MINGW64 /c/users/SAHANA/desktop
$ mkdir cognizance

SAHANA@LAPTOP-ED1SI3GG MINGW64 /c/users/SAHANA/desktop
$ cd cognizance_club
bash: cd: cognizance_club: No such file or directory

SAHANA@LAPTOP-ED1SI3GG MINGW64 /c/users/SAHANA/desktop
$ cd cognizance
```

```
SAHANA@LAPTOP-ED1SI3GG MINGW64 /c/users/SAHANA/desktop/cognizance
$ git init
Initialized empty Git repository in C:/Users/SAHANA/Desktop/cognizance/.git/
```

Git add:

```
SAHANA@LAPTOP-ED1SI3GG MINGW64 /c/users/SAHANA/desktop/cognizance (master)
$ git add test1.py
```

Git status:

```
SAHANA@LAPTOP-ED1SI3GG MINGW64 /c/users/SAHANA/desktop/cognizance (master)
$ git status
On branch master

No commits yet

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

SAHANA@LAPTOP-ED1SI3GG MINGW64 /c/users/SAHANA/desktop/cognizance (master)
$ touch test1.py

SAHANA@LAPTOP-ED1SI3GG MINGW64 /c/users/SAHANA/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)

SAHANA@LAPTOP-ED1SI3GG MINGW64 /c/users/SAHANA/desktop/cognizance (master)
$ git add test1.py

SAHANA@LAPTOP-ED1SI3GG MINGW64 /c/users/SAHANA/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

SAHANA@LAPTOP-ED1SI3GG MINGW64 /c/users/SAHANA/desktop/cognizance (master)
$ |
```

Git clone:

```
SAHANA@LAPTOP-ED1SI3GG MINGW64 /c/users/SAHANA/desktop/cognizance (master)
$ git clone https://github.com/sahana3131/sahana
Cloning into 'sahana'...
info: please complete authentication in your browser...
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 6 (delta 0), reused 3 (delta 0), pack-reused 0
Receiving objects: 100% (6/6), done.
```

Gitcommit:

```
SAHANA@LAPTOP-ED1SI3GG MINGW64 /c/users/SAHANA/desktop/cognizance (master)
$ git commit -m "hello world"
[master (root-commit) 5b37632] hello world
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 test1.py
```

Git push:

```
SAHANA@LAPTOP-ED1SI3GG MINGW64 /c/users/SAHANA/desktop/cognizance (master)
$ git push sahana
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 210 bytes | 210.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To sahana
 * [new branch]      master -> master
```

Git branch:

```
SAHANA@LAPTOP-ED1SI3GG MINGW64 /c/users/SAHANA/desktop/cognizance (master)
$ git branch foldernew

SAHANA@LAPTOP-ED1SI3GG MINGW64 /c/users/SAHANA/desktop/cognizance (master)
$ git branch
  foldernew
* master
```

Git checkout:

```
SAHANA@LAPTOP-ED1SI3GG MINGW64 /c/users/SAHANA/desktop/cognizance (master)
$ git checkout

SAHANA@LAPTOP-ED1SI3GG MINGW64 /c/users/SAHANA/desktop/cognizance (master)
$ git checkout foldernew
Switched to branch 'foldernew'
```

Git fetch:

```
SAHANA@LAPTOP-ED1SI3GG MINGW64 /c/users/SAHANA/desktop/cognizance (foldernew)
$  git fetch https://github.com/sahana3131/sahana
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 6 (delta 0), reused 3 (delta 0), pack-reused 0
Unpacking objects: 100% (6/6), 902 bytes | 11.00 KiB/s, done.
From https://github.com/sahana3131/sahana
 * branch            HEAD         -> FETCH_HEAD
```

Git pull:

```
SAHANA@LAPTOP-ED1SI3GG MINGW64 /c/users/SAHANA/desktop/cognizance (foldernew)
$ git pull https://github.com/sahana3131/sahana
From https://github.com/sahana3131/sahana
 * branch            HEAD         -> FETCH_HEAD
fatal: refusing to merge unrelated histories
```

Git merge:

```
SAHANA@LAPTOP-ED1SI3GG MINGW64 /c/users/SAHANA/desktop/cognizance (foldernew)
$ git merge master
Already up to date.
```

Git rebase:

```
SAHANA@LAPTOP-ED1SI3GG MINGW64 /c/users/SAHANA/desktop/cognizance (foldernew)
$ git rebase master
Current branch foldernew is up to date.
```

Git commit -A

```
SAHANA@LAPTOP-ED1SI3GG MINGW64 /c/users/SAHANA/desktop/cognizance (foldernew)
$ git commit -a
On branch foldernew
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        sahana/

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

Git checkout -b

```
SAHANA@LAPTOP-ED1SI3GG MINGW64 /c/users/SAHANA/desktop/cognizance (foldernew)
$ git checkout -b folder1
Switched to a new branch 'folder1'
```

Git config –list-show-origin

```
SAHANA@LAPTOP-ED1SI3GG MINGW64 /c/users/SAHANA/desktop/cognizance (folder1)
$ 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-bundle.crt
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 core.usebuiltinfsmonitor=true
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/SAHANA/.gitconfig filter.lfs.process=git-lfs filter-process
file:C:/Users/SAHANA/.gitconfig filter.lfs.required=true
file:C:/Users/SAHANA/.gitconfig filter.lfs.clean=git-lfs clean -- %f
file:C:/Users/SAHANA/.gitconfig filter.lfs.smudge=git-lfs smudge -- %f
file:C:/Users/SAHANA/.gitconfig user.name=sahana
file:C:/Users/SAHANA/.gitconfig user.email=sahanaselvam31@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
```

Git reset

```
SAHANA@LAPTOP-ED1SI3GG MINGW64 /c/users/SAHANA/desktop/cognizance (folder1)
$ git reset --soft
```