Cognizance

Task - 1

1.

```
AltF4@LAPTOP-LCG6E12S MINGW64 ~ (master)
$ cd "C:\Users\Abhijith Prakash\OneDrive\Documents\code"
```

```
AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code (master)
$ mkdir Cognizance

AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code (master)
$ ls
Cognizance/

AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code (master)
$ cd Cognizance

AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance (master)
$ mkdir Task-1

AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance (master)
$ cd Task-1
```

3.

```
AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance/Task-1 (master)
$ 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 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/Abhijith Prakash/.gitconfig        user.name=Abhijith Prakash
file:C:/Users/Abhijith Prakash/.gitconfig        user.email=ch.en.u4cse21001@ch.students.amrita.edu
file:C:/Users/Abhijith Prakash/.gitconfig        filter.lfs.clean=git-lfs clean -- %f
file:C:/Users/Abhijith Prakash/.gitconfig        filter.lfs.smudge=git-lfs smudge -- %f
file:C:/Users/Abhijith Prakash/.gitconfig        filter.lfs.process=git-lfs filter-process
file:C:/Users/Abhijith Prakash/.gitconfig        filter.lfs.required=true
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
```

4.

```
AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance (master)
$ git add .

AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance (master)
$ echo "# Cognizance" >> README.md

AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance (master)
$ git add README.md

AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance (master)
$ git commit -m "first commit"
[master (root-commit) d7a6fa2] first commit
 1 file changed, 1 insertion(+)
 create mode 100644 README.md

AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance (master)
$ git branch -M main

AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance (main)
$ git remote -v

AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance (main)
$ git remote add origin https://github.com/IndexPosition/Cognizance.git

AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance (main)
$ git push -u origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 241 bytes | 241.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0

AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance (main)
$ git checkout
Your branch is up to date with 'origin/main'.

AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance (main)
$ git checkout -b new_branch
Switched to a new branch 'new_branch'

AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance (new_branch)

AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance ((d7a6fa2...))
$ git clone https://github.com/IndexPosition/Cognizance
Cloning into 'Cognizance'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.

AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance ((d7a6fa2...))
$ git commit -am "Hello World"
[detached HEAD f7a0daa] Hello World
 1 file changed, 1 insertion(+)
 create mode 160000 Cognizance
```

```
AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance ((f7a0daa...))
$ git fetch --all
Fetching origin

AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance (new_branch)
$ git add .

AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance (new_branch)
$ git commit -m "abc"
[new_branch 41289e6] abc
 1 file changed, 1 insertion(+)
 create mode 160000 Cognizance

AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance (new_branch)
$ git checkout main
warning: unable to rmdir 'Cognizance': Directory not empty
Switched to a new branch 'main'
branch 'main' set up to track 'origin/main'.

AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance (main)
$ git merge new_branch
Updating d7a6fa2..41289e6
Fast-forward
 Cognizance | 1 +
 1 file changed, 1 insertion(+)
 create mode 160000 Cognizance
```

```
AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance (main)
$ git pull origin main
From https://github.com/IndexPosition/Cognizance
 * branch            main        -> FETCH_HEAD
Already up to date.
```

```
AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance (main)
$ git push origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 282 bytes | 282.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/IndexPosition/Cognizance.git
   d7a6fa2..41289e6  main -> main
```

```
AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance/git_reset_test (master)
$ echo 'hello git reset' > reset_lifecycle_file

AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance/git_reset_test (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   reset_lifecycle_file

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

AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance/git_reset_test (master)
$ git reset HEAD ...
Unstaged changes after reset:
M       reset_lifecycle_file
```

```
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$ git reset HEAD ...
Unstaged changes after reset:
M       reset_lifecycle_file
```

```
AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance (main)
$ mkdir git_reset_test

AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance (main)
$ cd git_reset_test

AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance/git_reset_test (main)
$ git init .
Initialized empty Git repository in C:/Users/Abhijith Prakash/OneDrive/Documents/code/Cognizance/git_reset_test/.git/

AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance/git_reset_test (master)
$ touch reset_lifecycle_file

AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance/git_reset_test (master)
$ git add reset_lifecycle_file

AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance/git_reset_test (master)
$ git commit -m"initial commit"
[master (root-commit) 2a99c0f] initial commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 reset_lifecycle_file
```

```
AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance (main)
$ git rebase main
Current branch main is up to date.
```

```
AltF4@LAPTOP-LCG6E12S MINGW64 ~/OneDrive/Documents/code/Cognizance (main)
$ git clone https://github.com/IndexPosition/Cognizance.git
Cloning into 'Cognizance'...
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 5 (delta 1), reused 4 (delta 0), pack-reused 0
Receiving objects: 100% (5/5), done.
Resolving deltas: 100% (1/1), done.
```