COGNIZANCE

TASK 1 [GIT & GITHUB]

1.Creating a repository

MINGW64:/c/Users/Shanmukh/Desktop/Cognizance

```
Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop
$ pwd
/c/Users/Shanmukh/Desktop

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop
$ mkdir Cognizance

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop
$ cd Cognizance/

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance
$ git init
Initialized empty Git repository in C:/Users/Shanmukh/Desktop/Cognizance/.git/

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (master)
$ |
```

2.git add

MINGW64:/c/Users/Shanmukh/Desktop/Cognizance

```
Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (master)
$ touch file1.txt

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (master)
$ git add file1.txt
```

3.git status

```
Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   file1.txt


Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (master)
$ |
```

4.git commit

MINGW64:/c/Users/Shanmukh/Desktop/Cognizance

```
Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (master)
$ git checkout master
Already on 'master'

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (master)
$ git checkout -b core
Switched to a new branch 'core'

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$ |
```

5.git checkout

MINGW64:/c/Users/Shanmukh/Desktop/Cognizance

```
Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (master)
$ git checkout master
Already on 'master'

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (master)
$ git checkout -b core
Switched to a new branch 'core'

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$ |
```

6.git checkout -b

MINGW64:/c/Users/Shanmukh/Desktop/Cognizance

```
Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$ git checkout -b Team
Switched to a new branch 'Team'

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (Team)
$
```

7.git clone

MINGW64:/c/Users/Shanmukh/Desktop/Cognizance

```
Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$ git clone https://github.com/shannu21032/Cognizance-Task-1.git
Cloning into 'Cognizance-Task-1'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$
```

8.git commit -a

MINGW64:/c/Users/Shanmukh/Desktop/Cognizance

```
Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$ git commit -a
On branch core
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        Cognizance-Task-1/

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

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$ |
```

9.git push

MINGW64:/c/Users/Shanmukh/Desktop/Cognizance

```
Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$ git push origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 217 bytes | 217.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:         https://github.com/shannu21032/Cognizance-Task-1/pull/new/master
remote:
To https://github.com/shannu21032/Cognizance-Task-1.git
 * [new branch]      master -> master

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$
```

10.git merge

MINGW64:/c/Users/Shanmukh/Desktop/Cognizance

```
Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$ git merge master
Already up to date.

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$ |
```

11.git pull

MINGW64:/c/Users/Shanmukh/Desktop/Cognizance

```
Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$ git pull
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 604 bytes | 35.00 KiB/s, done.
From https://github.com/shannu21032/Cognizance-Task-1
 * [new branch]      main       -> origin/main
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=<remote>/<branch> core


Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$ |
```

12.git reset

MINGW64:/c/Users/Shanmukh/Desktop/Cognizance

```
Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$ git reset HEAD file1.txt

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$
```

13.git rebase

14.git fork

MINGW64:/c/Users/Shanmukh/Desktop/Cognizance

```
Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$ 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/Shanmukh/.gitconfig       user.email=shanmukhasai020504@gmail.com
file:C:/Users/Shanmukh/.gitconfig       user.name=shannu21032
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.shannu21032.url=https://github.com/shannu21032
file:.git/config        remote.shannu21032.fetch=+refs/heads/*:refs/remotes/shannu21032/*
file:.git/config        remote.origin.url=https://github.com/shannu21032/Cognizance-Task-1.git
file:.git/config        remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$ |
```