COGNIZANCE CLUB ASSIGNMENT

MAYANK MAITI

CCE

21033

POINT 3

```
mayan@LAPTOP-RS6MUR49 MINGW64 /f/task1/cognizance (main)
$ 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/mayan/.gitconfig  user.email=mayankmaiti03@gmail.com
file:C:/Users/mayan/.gitconfig  user.name=mayank18mtnl
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/mayank18mtnl/cognizance.git
file:.git/config        remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
file:.git/config        branch.main.remote=origin
file:.git/config        branch.main.merge=refs/heads/main
```

GIT CLONE

```
MINGW64:/f/task1/cognizance

mayan@LAPTOP-RS6MUR49 MINGW64 ~
$ cd

mayan@LAPTOP-RS6MUR49 MINGW64 ~
$ cd F:

mayan@LAPTOP-RS6MUR49 MINGW64 /f
$ cd task1

mayan@LAPTOP-RS6MUR49 MINGW64 /f/task1
$ git config --global user.email"mayankmaiti03@gmail.com"

mayan@LAPTOP-RS6MUR49 MINGW64 /f/task1
$ git config --global user.name"mayank18mtnl"

mayan@LAPTOP-RS6MUR49 MINGW64 /f/task1
$ git clone https://github.com/mayank18mtnl/cognizance.git
Cloning into 'cognizance'...
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.
```

Git add

```
mayan@LAPTOP-RS6MUR49 MINGW64 /f/task1
$ git add naya.txt
fatal: not a git repository (or any of the parent directories): .git

mayan@LAPTOP-RS6MUR49 MINGW64 /f/task1
$ cd cognizance

mayan@LAPTOP-RS6MUR49 MINGW64 /f/task1/cognizance (main)
$ git add naya.txt

mayan@LAPTOP-RS6MUR49 MINGW64 /f/task1/cognizance (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

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

git commit ,git commit -a and git push

MINGW64:/f/task1/cognizance

```
mayan@LAPTOP-RS6MUR49 MINGW64 /f/task1/cognizance (main)
$ git commit -m "1st commit "
[main 38b1ab9] 1st commit
 1 file changed, 1 insertion(+)
 create mode 100644 naya.txt

mayan@LAPTOP-RS6MUR49 MINGW64 /f/task1/cognizance (main)
$ git push origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 287 bytes | 143.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/mayank18mtnl/cognizance.git
   96ea539..38b1ab9  main -> main

mayan@LAPTOP-RS6MUR49 MINGW64 /f/task1/cognizance (main)
$ git commit -a -m "2nd commit "
[main 40d4a2b] 2nd commit
 1 file changed, 3 insertions(+)

mayan@LAPTOP-RS6MUR49 MINGW64 /f/task1/cognizance (main)
$ git push origin main
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 295 bytes | 295.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/mayank18mtnl/cognizance.git
   38b1ab9..40d4a2b  main -> main
```

git checkout and git check out -b

```
mayan@LAPTOP-RS6MUR49 MINGW64 /f/task1/cognizance (main)
$ git branch
* main

mayan@LAPTOP-RS6MUR49 MINGW64 /f/task1/cognizance (main)
$ git checkout -b part
Switched to a new branch 'part'

mayan@LAPTOP-RS6MUR49 MINGW64 /f/task1/cognizance (part)
$ git push origin part
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'part' on GitHub by visiting:
remote:      https://github.com/mayank18mtnl/cognizance/pull/new/part
remote:
To https://github.com/mayank18mtnl/cognizance.git
 * [new branch]      part -> part

mayan@LAPTOP-RS6MUR49 MINGW64 /f/task1/cognizance (part)
$ git checkout master
error: pathspec 'master' did not match any file(s) known to git

mayan@LAPTOP-RS6MUR49 MINGW64 /f/task1/cognizance (part)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
```

git fetch and git merge

```
mayan@LAPTOP-RS6MUR49 MINGW64 /f/task1/cognizance (main)
$ git fetch
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), 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), 681 bytes | 3.00 KiB/s, done.
From https://github.com/mayank18mtnl/cognizance
   40d4a2b..fce3f17  main        -> origin/main

mayan@LAPTOP-RS6MUR49 MINGW64 /f/task1/cognizance (main)
$ git fetch

mayan@LAPTOP-RS6MUR49 MINGW64 /f/task1/cognizance (main)
$ git merge
Updating 40d4a2b..fce3f17
Fast-forward
 README.md | 1 +
 1 file changed, 1 insertion(+)

mayan@LAPTOP-RS6MUR49 MINGW64 /f/task1/cognizance (main)
$ |
```

git pull

```
mayan@LAPTOP-RS6MUR49 MINGW64 /f/task1/cognizance (main)
$ git pull
remote: Enumerating objects: 8, done.
remote: Counting objects: 100% (8/8), done.
remote: Compressing objects: 100% (6/6), done.
remote: Total 6 (delta 1), reused 0 (delta 0), pack-reus
ed 0
Unpacking objects: 100% (6/6), 1.32 KiB | 4.00 KiB/s, do
ne.
From https://github.com/mayank18mtnl/cognizance
   fce3f17..bf40d83  main         -> origin/main
Updating fce3f17..bf40d83
Fast-forward
 README.md | 1 +
 1 file changed, 1 insertion(+)
```

git reset

```
mayan@LAPTOP-RS6MUR49 MINGW64 /f/task1/cognizance (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

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:   system.txt

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

mayan@LAPTOP-RS6MUR49 MINGW64 /f/task1/cognizance (main)
$ git reset Head system.txt
Unstaged changes after reset:
M       system.txt
```