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TASK: COGNIZANCE (TASK -1)

1.Create a repository with the name "Cognizance" on GitHub using Git Bash.

```
Manikanta@RealmeGTLap93 MINGW64 ~ (main)
$ mkdir Cognizance

Manikanta@RealmeGTLap93 MINGW64 ~ (main)
$ cd Cognizance

Manikanta@RealmeGTLap93 MINGW64 ~/Cognizance (main)
$ git init
Initialized empty Git repository in C:/Users/manik/Cognizance/.git/

Manikanta@RealmeGTLap93 MINGW64 ~/Cognizance (master)
$ touch Task-1

Manikanta@RealmeGTLap93 MINGW64 ~/Cognizance (master)
$ git add Task-1
```

```
Manikanta@RealmeGTLap93 MINGW64 ~/Cognizance (master)
$ git commit -m "first commit"
[master (root-commit) 7901969] first commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 Task-1
```

```
Manikanta@RealmeGTLap93 MINGW64 ~/Cognizance (master)
$ git push origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 224 bytes | 224.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Manikanta93-tech/Cognizance.git
 * [new branch]      master -> master
```

2. Create a folder with the name "Task-1" in the repository and perform the Git operations using Git Bash.

Git add

```
Manikanta@RealmeGTLap93 MINGW64 ~/Cognizance (master)
$ git add Task-1
```

Git checkout

```
Manikanta@RealmeGTLap93 MINGW64 ~/Cognizance (mani)
$ git checkout master
Switched to branch 'master'
```

Git checkout -b

```
Manikanta@RealmeGTLap93 MINGW64 ~/Cognizance (master)
$ git checkout -b mani
Switched to a new branch 'mani'
```

Git clone

```
Manikanta@RealmeGTLap93 MINGW64 ~/Cognizance (master)
$ git clone https://github.com/Manikanta93-tech/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.
```

Git commit

```
Manikanta@RealmeGTLap93 MINGW64 ~/Cognizance (master)
$ git commit -m "first commit"
[master (root-commit) 7901969] first commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 Task-1
```

Git fetch

```
Manikanta@RealmeGTLap93 MINGW64 ~/Cognizance (main)
$ git fetch --all
Fetching origin
```

Git merge

```
Manikanta@RealmeGTLap93 MINGW64 ~/Cognizance (crust)
$ git merge crust
Already up to date.
```

Git pull

```
Manikanta@RealmeGTLap93 MINGW64 ~/Cognizance (main)
$ git pull Cognizance
From Cognizance
 * branch            HEAD        -> FETCH_HEAD
Already up to date.
```

Git push

```
Manikanta@RealmeGTLap93 MINGW64 ~/Cognizance (main)
$ git push Cognizance
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), 289 bytes | 289.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0
To Cognizance
 * [new branch]      main -> main
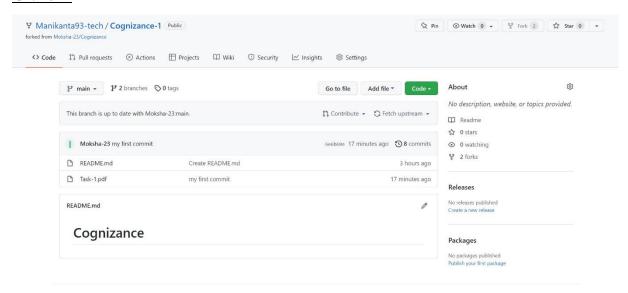```

## Git reset

```
Manikanta@RealmeGTLap93 MINGW64 ~/Cognizance (crust)
$ git reset HEAD Task-1
```

Git rebase

```
Manikanta@RealmeGTLap93 MINGW64 ~/Cognizance (crust)
$ git rebase crust
Current branch crust is up to date.
```

Git fork

3. Upload the screenshot of the git bash using This command on your computer.

git config --list --show-

```
Manikanta@RealmeGTLap93 MINGW64 ~/Cognizance (crust)
$ 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:.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          user.name=Manikanta93-tech
file:.git/config          user.email=ch.en.u4cse21007@ch.students.amrita.edu
file:.git/config          remote.origin.url=https://github.com/Manikanta93-tech/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
```