Cognizance Task 1

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Step 1:

Making a repository:

```
Krithik Parivallal@LAPTOP-BTVHOCEQ MINGW64 /c/users/Krithik Parivallal/Desktop (master)
$ mkdir Cognizance

Krithik Parivallal@LAPTOP-BTVHOCEQ MINGW64 /c/users/Krithik Parivallal/Desktop (master)
$ cd Cognizance

Krithik Parivallal@LAPTOP-BTVHOCEQ MINGW64 /c/users/Krithik Parivallal/Desktop/Cognizance (master)
$ git init
Initialized empty Git repository in C:/Users/Krithik Parivallal/Desktop/Cognizance/.git/
```

Step 2:

Making "Task-1"

```
Krithik Parivallal@LAPTOP-BTVHOCEQ MINGW64 /c/users/Krithik Parivallal/Desktop/Cognizance (main)
$ mkdir Task-1
```

Basic git bash commands:

git add:

```
Krithik Parivallal@LAPTOP-BTVHOCEQ MINGW64 /c/users/Krithik Parivallal/Desktop/Cognizance (master)
$ touch test.txt

Krithik Parivallal@LAPTOP-BTVHOCEQ MINGW64 /c/users/Krithik Parivallal/Desktop/Cognizance (master)
$ git add test.txt
```

git status:

```
Krithik Parivallal@LAPTOP-BTVHOCEQ MINGW64 /c/users/Krithik Parivallal/Desktop/Cognizance (master)
$ git status
On branch master

No commits yet

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

git commit:

```
Krithik Parivallal@LAPTOP-BTVHOCEQ MINGW64 /c/users/Krithik Parivallal/Desktop/Cognizance (master)
$ git commit -m "Test commit"
[master (root-commit) 389ee1e] Test commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 test.txt
```

git checkout:

```
Krithik Parivallal@LAPTOP-BTVHOCEQ MINGW64 /c/users/Krithik Parivallal/Desktop/Cognizance (main)
$ git checkout branch2
Switched to a new branch 'branch2'
branch 'branch2' set up to track 'origin/branch2'.
```

git checkout -b:

```
Krithik Parivallal@LAPTOP-BTVHOCEQ MINGW64 /c/users/Krithik Parivallal/Desktop/Cognizance (branch2)
$ git checkout -b branch3
Switched to a new branch 'branch3'
```

git clone:

```
Krithik Parivallal@LAPTOP-BTVHOCEQ MINGW64 /c/users/Krithik Parivallal/Desktop (master)
$ git clone https://github.com/FlexKriss/Practice.git
Cloning into 'Practice'...
warning: You appear to have cloned an empty repository.
```

git commit -a:

```
Krithik Parivallal@LAPTOP-BTVHOCEQ MINGW64 /c/users/Krithik Parivallal/Desktop/Cognizance (main)
$ git commit -a
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
```

git push:

```
Krithik Parivallal@LAPTOP-BTVHOCEQ MINGW64 /c/users/Krithik Parivallal/Desktop/Cognizance (main)
$ git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Writing objects: 100% (3/3), 284 bytes | 284.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/FlexKriss/Cognizance.git
   389ee1e..20b7441  main -> main
```

git merge:

```
Krithik Parivallal@LAPTOP-BTVHOCEQ MINGW64 /c/users/Krithik Parivallal/Desktop/Cognizance (main)
$ git merge main
Already up to date.

Krithik Parivallal@LAPTOP-BTVHOCEQ MINGW64 /c/users/Krithik Parivallal/Desktop/Cognizance (main)
$ git merge branch2
Already up to date.
```

git pull:

```
Krithik Parivallal@LAPTOP-BTVHOCEQ MINGW64 /c/users/Krithik Parivallal/Desktop/Cognizance (main)
$ git pull
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), 674 bytes | 96.00 KiB/s, done.
From https://github.com/FlexKriss/Cognizance
   20b7441..57a2c04  main         -> origin/main
Updating 20b7441..57a2c04
Fast-forward
 test.txt | 5 ++++-
 1 file changed, 4 insertions(+), 1 deletion(-)
```

git reset:

```
Krithik Parivallal@LAPTOP-BTVHOCEQ MINGW64 /c/users/Krithik Parivallal/Desktop/Cognizance (branch3)
$ git reset --soft

Krithik Parivallal@LAPTOP-BTVHOCEQ MINGW64 /c/users/Krithik Parivallal/Desktop/Cognizance (branch3)
$ git status
On branch branch3
nothing to commit, working tree clean
```

git rebase:

```
Krithik Parivallal@LAPTOP-BTVHOCEQ MINGW64 /c/users/Krithik Parivallal/Desktop/Cognizance (branch3)
$ git rebase main
Successfully rebased and updated refs/heads/branch3.
```

git fetch:

```
Krithik Parivallal@LAPTOP-BTVHOCEQ MINGW64 /c/users/Krithik Parivallal/Desktop/Cognizance (branch3)
$ 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), 683 bytes | 136.00 KiB/s, done.
From https://github.com/FlexKriss/Cognizance
   57a2c04..dbf1675  main         -> origin/main
```

Step 3:

Git config –list –show-origin:

```
Krithik Parivallal@LAPTOP-BTVHOCEQ MINGW64 /c/users/Krithik Parivallal/Desktop/Cognizance (branch3)
$ 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/Krithik Parivallal/.gitconfig      filter.lfs.clean=git-lfs clean -- %f
file:C:/Users/Krithik Parivallal/.gitconfig      filter.lfs.smudge=git-lfs smudge -- %f
file:C:/Users/Krithik Parivallal/.gitconfig      filter.lfs.process=git-lfs filter-process
file:C:/Users/Krithik Parivallal/.gitconfig      filter.lfs.required=true
file:C:/Users/Krithik Parivallal/.gitconfig      user.name=Kris
file:C:/Users/Krithik Parivallal/.gitconfig      user.email=krithik.sboa@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
file:.git/config         remote.origin.url=https://github.com/FlexKriss/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
file:.git/config         branch.branch2.remote=origin
file:.git/config         branch.branch2.merge=refs/heads/branch2
```