Task-1

Directory

MINGW64:/c/Users/mahan/Cognizance

```
mahan@LAPTOP-DKACDK5N MINGW64 ~ (master)
$ mkdir Cognizance

mahan@LAPTOP-DKACDK5N MINGW64 ~ (master)
$ cd Cognizance
```

Checkout, echo, init, add:

```
mahan@LAPTOP-DKACDK5N MINGW64 ~/Cognizance (master)

$ git checkout -b master
Switched to a new branch 'master'

mahan@LAPTOP-DKACDK5N MINGW64 ~/Cognizance (master)

$ echo "# Cognizance" >> README.md

mahan@LAPTOP-DKACDK5N MINGW64 ~/Cognizance (master)

$ git init
Initialized empty Git repository in C:/Users/mahan/Cognizance/.git/

mahan@LAPTOP-DKACDK5N MINGW64 ~/Cognizance (master)

$ git add README.md

warning: LF will be replaced by CRLF in README.md.
The file will have its original line endings in your working directory
```

Commit -m ,branch -M , remote add origin :

```
mahan@LAPTOP-DKACDK5N MINGW64 ~/Cognizance (master)
$ git commit -m "first commit"
[master (root-commit) 11838d0] first commit
1 file changed, 1 insertion(+)
create mode 100644 README.md

mahan@LAPTOP-DKACDK5N MINGW64 ~/Cognizance (master)
$ git branch -M main

mahan@LAPTOP-DKACDK5N MINGW64 ~/Cognizance (main)
$ git remote add origin https://github.com/PrabhasMahanti123/Cognizance.git
```

Config –global, status, add, commit -a:

```
MINGW64:/c/Users/mahan/Cognizance
$ git config --global user.name "Mahanti Prabhas naidu"

mahan@LAPTOP-DKACDK5N MINGW64 ~/Cognizance (main)
$ git config --global usre.email "prabhasnaidu2004@gmail.com"

mahan@LAPTOP-DKACDK5N MINGW64 ~/Cognizance (main)
$ git remote -v
origin https://github.com/PrabhasMahanti123/Cognizance.git (fetch)
origin https://github.com/PrabhasMahanti123/Cognizance.git (push)

mahan@LAPTOP-DKACDK5N MINGW64 ~/Cognizance (main)
$ git status
On branch main
nothing to commit, working tree clean
```

```
mahan@LAPTOP-DKACDK5N MINGw64 ~/Cognizance (main)
§ git checkout -b master
Switched to a new branch 'master'
mahan@LAPTOP-DKACDK5N MINGw64 ~/Cognizance (master)
§ git status
On branch master
nothing to commit, working tree clean
mahan@LAPTOP-DKACDK5N MINGw64 ~/Cognizance (master)
§ touch Task-1
mahan@LAPTOP-DKACDK5N MINGw64 ~/Cognizance (master)
§ git add Task-1
```

```
mahan@LAPTOP-DKACDK5N MINGW64 ~/Cognizance (master)

§ git commit
On branch master
nothing to commit, working tree clean
mahan@LAPTOP-DKACDK5N MINGW64 ~/Cognizance (master)

§ git commit -a
On branch master
nothing to commit, working tree clean
mahan@LAPTOP-DKACDK5N MINGW64 ~/Cognizance (master)

§ git fetch https://github.com/prabhasMahantil23/Cognizance.git
fatal: couldn't find remote ref HEAD
mahan@LAPTOP-DKACDK5N MINGW64 ~/Cognizance (master)

§ git fetch --all
Fetching origin
```

Fetch, clone, merge, reset, rebase:

```
ndfah@Mohamed_Faheem MINGW64 ~/Cognizance (master)
$ git fetch https://github.com/MohamedFaheemM/Cognizance.git
From https://github.com/MohamedFaheemM/Cognizance
* branch
                     HEAD
                                -> FETCH HEAD
mdfah@Mohamed_Faheem MINGW64 ~/Cognizance (master)
$ git fetch --all
Fetching origin
mdfah@Mohamed_Faheem MINGW64 ~/Cognizance (master)
$ git clone https://github.com/MohamedFaheemM/Cognizance.git
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.
     mdfah@Mohamed Faheem MINGW64 ~/Cognizance (master)
     $ git merge main
     Already up to date.
       mdfah@Mohamed_Faheem MINGW64 ~/Cognizance (master)
      $ git commit
      Aborting commit due to empty commit message.
      ndfah@Mohamed_Faheem MINGW64 ~/Cognizance (master)
     $ git reset
     mdfah@Mohamed_Faheem MINGW64 ~/Cognizance (master)
    $ git commit
    [master f94e8c5] This is to commit changes
     1 file changed, 0 insertions(+), 0 deletions(-)
     create mode 100644 Task-1
      mdfah@Mohamed_Faheem MINGW64 ~/Cognizance (master)
     $ git rebase
     Current branch master is up to date.
```

Config -list -show-origin:

```
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/MohamedFaheemM/Cognizance.git

file:.git/config remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*

branch.main.remote=origin

file:.git/config branch.main.merge=refs/heads/main

file:.git/config branch.master.remote=origin

file:.git/config branch.master.merge=refs/heads/main
```

(END)

Config -list -show-scope

```
dfah@Mohamed_Faheem MINGW64 ~/Cognizance (master)
$ git config --list --show-scope
system diff.astextplain.textconv=astextplain
system filter.lfs.clean=git-lfs clean -- %f
system filter.lfs.smudge=git-lfs smudge -- %f
system filter.lfs.process=git-lfs filter-process
system filter.lfs.required=true
system http.sslbackend=openssl
system http.sslcainfo=C:/Program Files/Git/mingw64/ssl/certs/ca-bundle.crt
system core.autocrlf=true
system core.fscache=true
system core.symlinks=false
system pull.rebase=false
system credential.helper=manager-core
system credential.https://dev.azure.com.usehttppath=true
system init.defaultbranch=master
global user.name=Mohamed Faheem M
global user.email=mdaheempasha@gmail.com
global filter.lfs.required=true
global filter.lfs.clean=git-lfs clean -- %f
global filter.lfs.smudge=git-lfs smudge -- %f
:...skipping...
system diff.astextplain.textconv=astextplain
system filter.lfs.clean=git-lfs clean -- %f
system filter.lfs.smudge=git-lfs smudge -- %f
system filter.lfs.process=git-lfs filter-process
system filter.lfs.required=true
system http.sslbackend=openssl
system http.sslcainfo=C:/Program Files/Git/mingw64/ssl/certs/ca-bundle.crt system core.autocrlf=true
system core.fscache=true
system core.symlinks=false
system pull.rebase=false
system credential.helper=manager-core
system credential.https://dev.azure.com.usehttppath=true
system init.defaultbranch=master
global user.name=Mohamed Faheem M
global user.email=mdaheempasha@gmail.com
global filter.lfs.required=true
```

```
global user.name=Mohamed Faheem M
global user.email=mdaheempasha@gmail.com
global filter.lfs.required=true
global filter.lfs.clean=git-lfs clean -- %f
global filter.lfs.smudge=git-lfs smudge -- %f
global filter.lfs.process=git-lfs filter-process
local
       core.repositoryformatversion=0
      core.filemode=false
local
local core.bare=false
local core.logallrefupdates=true
local core.symlinks=false
local
       core.ignorecase=true
local
       remote.origin.url=https://github.com/MohamedFaheemM/Cognizance.git
local
       remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
local
       branch.main.remote=origin
local
       branch.main.merge=refs/heads/main
local
       branch.master.remote=origin
local
       branch.master.merge=refs/heads/master
(END)
```

git fork



