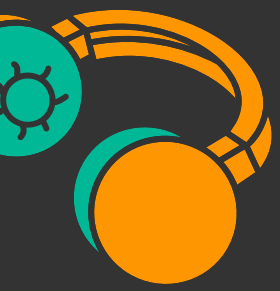
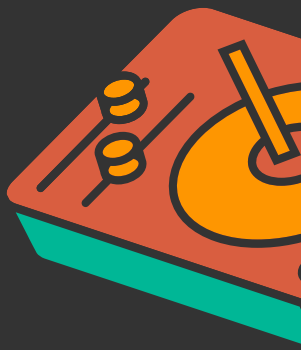


# COGNIZANCE TASK-1



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-ARCHANAA.N
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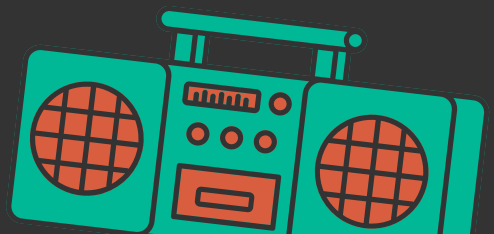
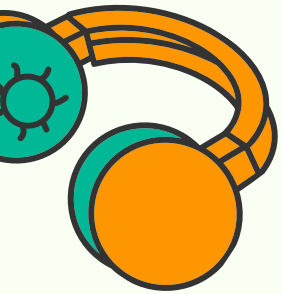
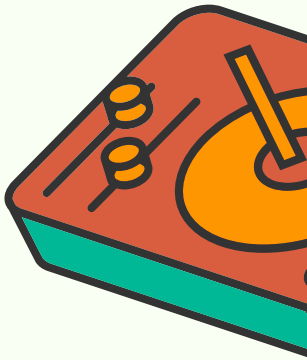


# TABLE OF CONTENTS



1. CREATE A REPOSITORY WITH NAME “COGNIZANCE” ON GITHUB USING GIT BASH.
2. CREATE A FOLDER WITH NAME “TASK-1” IN THE REPOSITORY AND PERFORM THE GIT OPERATIONS USING GIT BASH.
3. UPLOAD THE SCREENSHOT OF THE GIT BASH USING THIS COMMAND IN YOUR COMPUTER.
   GIT CONFIG --LIST --SHOW-ORIGIN
4. TAKE A SCREENSHOT OF ALL THE GIT OPERATIONS YOU PERFORMED AND COMPILE IT IN A SINGLE PDF AND UPLOAD IT IN “TASK-1” FOLDER THIS PDF SHOULD ALSO CONTAIN THE SCREENSHOT OF THE COMMAND MENTIONED IN POINT 3.



# CREATING DIRECTORY

```
ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (main)
$ mkdir Cognizance

ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (main)
$ cd Cognizance


ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (main)
$ git config --global user.name "dynamic-Archu"

ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (main)
$ git config --global user.email "nkanniga04@gmail.com"
```

# CONNECTING TO SERVER

```
ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (master)
$ git remote add https://github.com/dynamic-Archu/Cognizance.git
usage: git remote add [<options>] <name> <url>

    -f, --fetch           fetch the remote branches
    --tags                import all tags and associated objects when fetching
                          or do not fetch any tag at all (--no-tags)
    -t, --track <branch>  branch(es) to track
    -m, --master <branch>
                          master branch
    --mirror[=(push|fetch)]
                          set up remote as a mirror to push to or fetch from


ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (master)
$ git status
On branch master
nothing to commit, working tree clean

ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (master)
$ git remote add origin https://github.com/dynamic-Archu/Cognizance.git
```

```
ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (main)
$ git remote -v
origin  https://github.com/dynamic-Archu/Cognizance.git (fetch)
origin  https://github.com/dynamic-Archu/Cognizance.git (push)
```

# GIT ADD

```
ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (master)
$ git init
Reinitialized existing Git repository in C:/Users/ARCHANAA N/Cognizance/.git/

ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        trial

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

ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (master)
$ git add trial

ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (master)
$ git status
On branch master

[master (root-commit) 4a733be] This is to commit the user given file
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 trial
```

# GIT CHECKOUT

```
ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (secondary)
$ git checkout master
Switched to branch 'master'
```

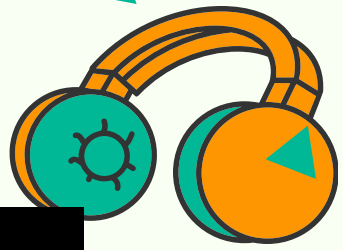
# GIT CHECKOUT - B

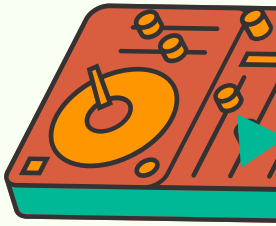
```
ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (master)
$ git checkout -b "secondary"
Switched to a new branch 'secondary'
```

# GIT CLONE

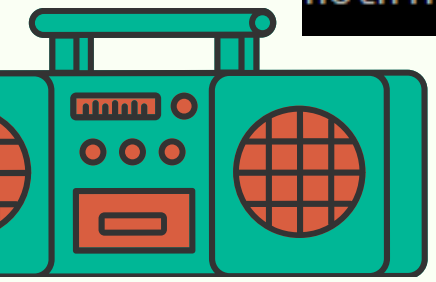
```
ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (master)
$ git clone https://github.com/Shyam-7/Cognizance.git
Cloning into 'Cognizance'...
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 6 (delta 0), reused 3 (delta 0), pack-reused 0
Receiving objects: 100% (6/6), done.

ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        Cognizance/

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

ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (master)
$ git add  Cognizance/
warning: adding embedded git repository: Cognizance
hint: You've added another git repository inside your current repository.
hint: Clones of the outer repository will not contain the contents of
hint: the embedded repository and will not know how to obtain it.
hint: If you meant to add a submodule, use:
hint:
hint:   git submodule add <url> Cognizance
hint:
hint: If you added this path by mistake, you can remove it from the
hint: index with:
hint:
hint:   git rm --cached Cognizance
hint:
hint: See "git help submodule" for more information.
```

# GIT COMMIT

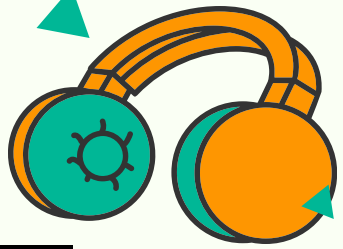


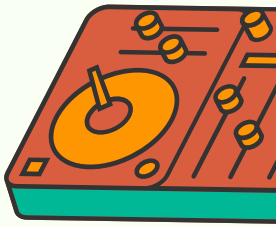


```
ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (main)
$ git status
On branch main
nothing to commit, working tree clean

ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (main)
$ touch coed.txt

ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (main)
$ git add coed.txt

ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (main)
$ git commit
[main cb3ec81] This is to show the commit command
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 coed.txt

ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (main)
$ git status
On branch main
nothing to commit, working tree clean
```

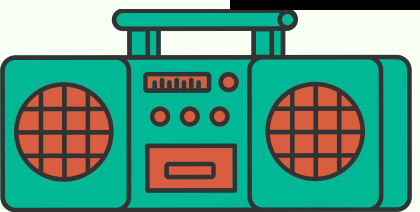


# GIT RESET





```
ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (main)
$ git pull
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), 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), 703 bytes | 58.00 KiB/s, done.
From https://github.com/dynamic-Archu/Cognizance
   dfe1169..6f7e38e  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=origin/<branch> main


ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (main)
$ git reset

ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (main)
$ git status
On branch main
nothing to commit, working tree clean
```



# GIT COMMIT - A

```
ARCHANAA N@DESKTOP-7DSDSQO MINGW64 ~/Cognizance (master)
$ git add  Cognizance/
warning: adding embedded git repository: Cognizance
hint: You've added another git repository inside your current repository.
hint: Clones of the outer repository will not contain the contents of
hint: the embedded repository and will not know how to obtain it.
hint: If you meant to add a submodule, use:
hint:
hint:   git submodule add <url> Cognizance
hint:
hint: If you added this path by mistake, you can remove it from the
hint: index with:
hint:
hint:   git rm --cached Cognizance
hint:
hint: See "git help submodule" for more information.

ARCHANAA N@DESKTOP-7DSDSQO MINGW64 ~/Cognizance (master)
$ git commit -a
[master bcfabe5] This is to commit the given files
 1 file changed, 1 insertion(+)
 create mode 160000 Cognizance
```

# GIT FETCH

```
ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (master)
$ git fetch
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), 611 bytes | 40.00 KiB/s, done.
From https://github.com/dynamic-Archu/Cognizance
 * [new branch]      main       -> origin/main
```

# GIT PULL

```
ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (main)
$ git pull
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), 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), 703 bytes | 58.00 KiB/s, done.
From https://github.com/dynamic-Archu/Cognizance
   dfe1169..6f7e38e  main       -> origin/main
```

# GIT MERGE

```
ARCHANAA N@DESKTOP-7DSDSQO MINGW64 ~/Cognizance (master)
$ git status
On branch master
nothing to commit, working tree clean

ARCHANAA N@DESKTOP-7DSDSQO MINGW64 ~/Cognizance (master)
$ git log
commit bcfabe56078b6af6a390f081d6f326b8f5aa572a (HEAD -> master, origin/master)
Author: Archanaa <nkanniga04@gmail.com>
Date:   Tue Feb 15 16:12:29 2022 +0530

    This is to commit the given files

commit 4a733be6801be157e40cb68857e2e99334678c8e (origin/secondary, secondary)
Author: Archanaa <nkanniga04@gmail.com>
Date:   Tue Feb 15 15:21:57 2022 +0530

    This is to commit the user given file

ARCHANAA N@DESKTOP-7DSDSQO MINGW64 ~/Cognizance (master)
$ git merge secondary
Already up to date.
```

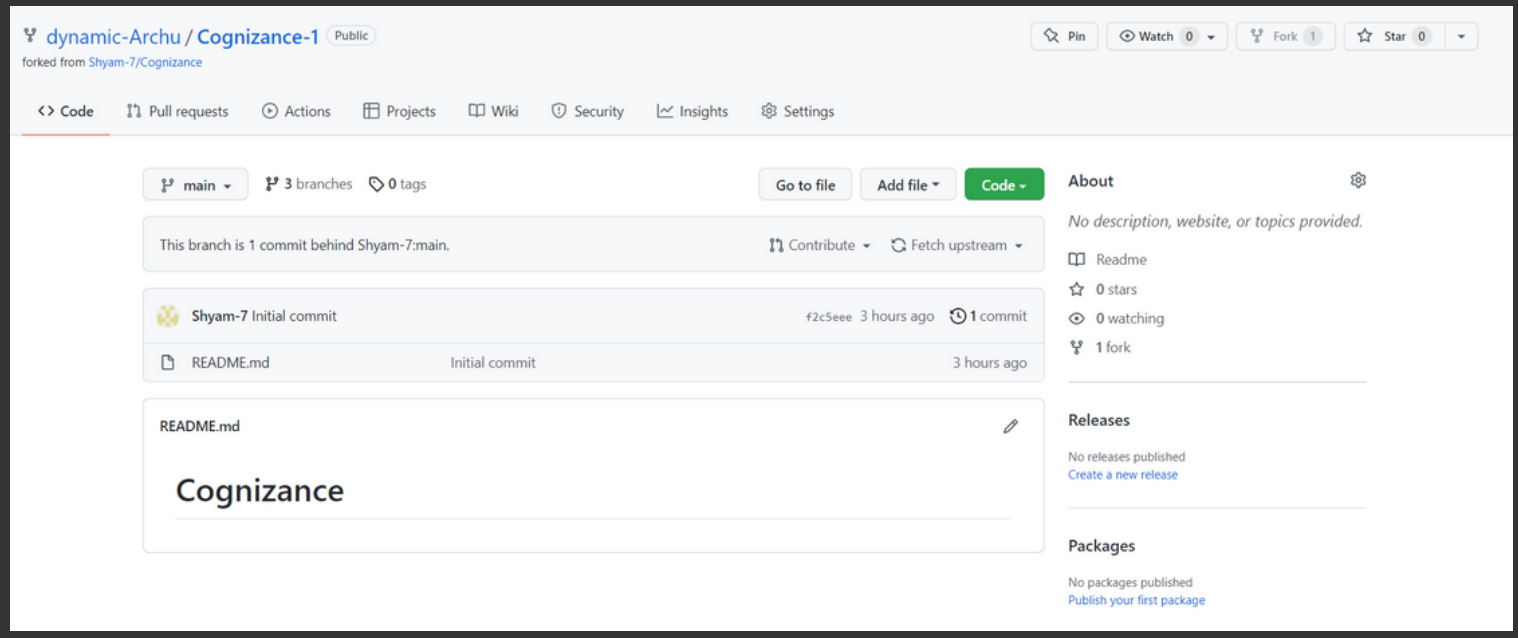
# GIT PUSH

```
ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (master)
$ git push origin master
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% (5/5), 471 bytes | 471.00 KiB/s, done.
Total 5 (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/dynamic-Archu/Cognizance/pull/new/master
remote:
To https://github.com/dynamic-Archu/Cognizance.git
 * [new branch]      master -> master

ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (master)
$ git push origin secondary
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'secondary' on GitHub by visiting:
remote:      https://github.com/dynamic-Archu/Cognizance/pull/new/secondary
remote:
To https://github.com/dynamic-Archu/Cognizance.git
 * [new branch]      secondary -> secondary

ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (master)
$ git status
On branch master
nothing to commit, working tree clean
```

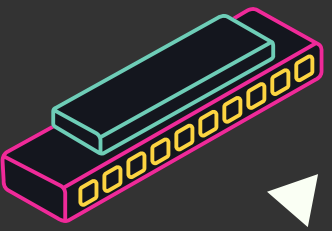
# GIT REBASE

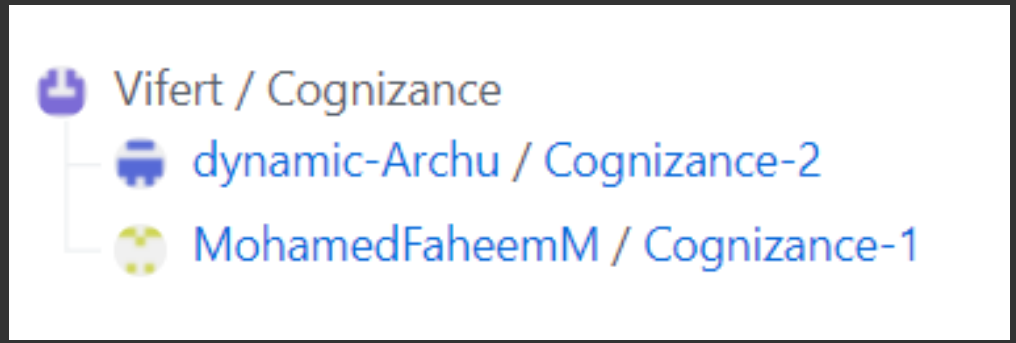
```
ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (master)
$ git log
commit bcfabe56078b6af6a390f081d6f326b8f5aa572a (HEAD -> master, origin/master)
Author: Archanaa <nkanniga04@gmail.com>
Date:   Tue Feb 15 16:12:29 2022 +0530

    This is to commit the given files

commit 4a733be6801be157e40cb68857e2e99334678c8e (origin/secondary, secondary)
Author: Archanaa <nkanniga04@gmail.com>
Date:   Tue Feb 15 15:21:57 2022 +0530

    This is to commit the user given file

ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (master)
$ git merge secondary
Already up to date.

ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (master)
$ git rebase secondary
Current branch master is up to date.

ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (master)
$ git status
On branch master
nothing to commit, working tree clean
```

# GIT FORK


dynamic-Archu / Cognizance-1
Public
forked from Shyam-7/Cognizance
Pin
Watch 0
Fork 1
Star 0
Code
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
main
3 branches
0 tags
Go to file
Add file
Code
This branch is 1 commit behind Shyam-7:main.
Contribute
Fetch upstream
Shyam-7 Initial commit
f2c5eee 3 hours ago
1 commit
README.md
Initial commit
3 hours ago
README.md
Cognizance
About
No description, website, or topics provided.
Readme
0 stars
0 watching
1 fork
Releases
No releases published
Create a new release
Packages
No packages published
Publish your first package

Shyam-7 / Cognizance
dynamic-Archu / Cognizance-1




Vifert / Cognizance
dynamic-Archu / Cognizance-2
MohamedFaheemM / Cognizance-1

# GIT CONFIG --LIST -SHOW-ORIGIN

```
ARCHANAA N@DESKTOP-7DSDSQO MINGW64 ~/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 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/ARCHANAA N/.gitconfig     user.name=Archanaa
file:C:/Users/ARCHANAA N/.gitconfig     user.email=nkanniga04@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/dynamic-Archu/Cognizance.git
file:.git/config        remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
```

# GIT CONFIG --LIST -SHOW-SCOPE

```
ARCHANAA N@DESKTOP-7DSDSQ0 MINGW64 ~/Cognizance (main)
$ 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=Archanaa
global  user.email=nkanniga04@gmail.com
local   core.repositoryformatversion=0
local   core.filemode=false
local   core.bare=false
local   core.logallrefupdates=true
local   core.symlinks=false
local   core.ignorecase=true
local   remote.origin.url=https://github.com/dynamic-Archu/Cognizance.git
local   remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
```

THANK
YOU!