

NAME : S.SIDESH SUNDAR

CLASS : AIE-B

ROLL NO : 21150

CREATING DIRECTORY

```
HP@Sidesh MINGW64 ~ (main)
$ mkdir Cognizance

HP@Sidesh MINGW64 ~ (main)
$ cd Cognizance

HP@Sidesh MINGW64 ~/Cognizance (main)
$ git config --global user.name "Sideshsundar"

HP@Sidesh MINGW64 ~/Cognizance (main)
$ git config --global user.email "ch.en.u4aie21150@ch.students.amrita.edu"
```

CONNECTING TO SERVER

```
HP@Sidesh MINGW64 ~/Cognizance (master)
$ git remote add origin https://github.com/Sideshsundar/Cognizance.git

HP@Sidesh MINGW64 ~/Cognizance (master)
$ git remote -v
origin  https://github.com/Sideshsundar/Cognizance.git (fetch)
origin  https://github.com/Sideshsundar/Cognizance.git (push)
```

GIT ADD

```
HP@Sidesh MINGW64 ~/Cognizance (main)
$ git init
Initialized empty Git repository in C:/Users/HP/Cognizance/.git/

HP@Sidesh MINGW64 ~/Cognizance (master)
$ git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)

HP@Sidesh MINGW64 ~/Cognizance (master)
$ touch Task-1

HP@Sidesh MINGW64 ~/Cognizance (master)
$ git add Task-1
```

GIT CHECKOUT

```
HP@Sidesh MINGW64 ~/Cognizance (master)
$ git checkout
D      Task-1
Your branch is up to date with 'origin/master'.
```

GIT CHECKOUT -B

```
HP@Sidesh MINGW64 ~/Cognizance (master)
$ git checkout -b hotflix
Switched to a new branch 'hotflix'

HP@Sidesh MINGW64 ~/Cognizance (hotflix)
$ git checkout -b main
Switched to a new branch 'main'
```

GIT CLONE

```
HP@Sidesh MINGW64 ~/Cognizance (master)
$ git clone https://github.com/Sideshsundar/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.
```

GIT COMMIT

```
HP@Sidesh MINGW64 ~/Cognizance (master)
$ git commit
[master a29907f] this is to commit the statement :wq
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 commit.txt
```

```
# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
#
# On branch master
# Your branch is up to date with 'origin/master'.
#
# Changes to be committed:
#   new file:   commit.txt
this is to commit
```

GIT COMMIT-A

```
HP@Sidesh MINGW64 ~/Cognizance (master)
$ git commit -a
[master a29907f] this is to commit the statement :wq
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 commit.txt
```

```
# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
#
# On branch main
# Changes to be committed:
#   new file:   cog1
#
# Changes not staged for commit:
#   deleted:    Task-1
#   deleted:    cog1
#
# Untracked files:
#   Cognizance/
#
~
~
~
~
~
~
```

GIT FETCH

```
HP@Sidesh MINGW64 ~/Cognizance (master)
$ git fetch https://github.com/Sideshsundar/Cognizance
From https://github.com/Sideshsundar/Cognizance
remote: Enumerating objects: 7, done.
remote: Counting objects: 100% (7/7), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 4 (delta 3), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (4/4), 28.65 KiB | 206.00 KiB/s, done.
From https://github.com/Sideshsundar/Cognizance
    69bec79..06e8b39  main      -> origin/main
```


GIT FETCH -ALL

```
$ git fetch --all
Fetching origin
remote: Enumerating objects: 7, done.
remote: Counting objects: 100% (7/7), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 4 (delta 3), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (4/4), 28.65 KiB | 206.00 KiB/s, done.
From https://github.com/Sideshsundar/Cognizance
   69bec79..06e8b39  main      -> origin/main
```

GIT MERGE

```
HP@Sidesh MINGW64 ~/Cognizance (master)
$ git checkout master
Already on 'master'
D      Task-1
Your branch is up to date with 'origin/master'.

HP@Sidesh MINGW64 ~/Cognizance (master)
$ git merge main
Already up to date.

HP@Sidesh MINGW64 ~/Cognizance (master)
$
```

GIT PULL

```
HP@Sidesh MINGW64 ~/Cognizance (master)
$ git pull
remote: Enumerating objects: 21, done.
remote: Counting objects: 100% (21/21), done.
remote: Compressing objects: 100% (20/20), done.
remote: Total 20 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (20/20), 182.97 KiB | 485.00 KiB/s, done.
From https://github.com/Sideshsundar/Cognizance
   a004c66..3c5ba8e  main      -> origin/main
Already up to date.
```

GIT PUSH

```
HP@Sidesh MINGW64 ~/Cognizance (master)
$ git remote add origin https://github.com/Sideshsundar/Cognizance.git

HP@Sidesh MINGW64 ~/Cognizance (master)
$ git remote -v
origin  https://github.com/Sideshsundar/Cognizance.git (fetch)
origin  https://github.com/Sideshsundar/Cognizance.git (push)

HP@Sidesh MINGW64 ~/Cognizance (master)
$ git push origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 222 bytes | 111.00 KiB/s, done.
Total 3 (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/Sideshsundar/Cognizance/pull/new/master
remote:
To https://github.com/Sideshsundar/Cognizance.git
 * [new branch]      master -> master
```

GIT RESET

```
HP@Sidesh MINGW64 ~/Cognizance (master)  
$ git reset
```

```
HP@Sidesh MINGW64 ~/Cognizance (main)  
$ git reset --hard  
HEAD is now at a7469e5 first commit
```

GIT REBASE

```
HP@Sidesh MINGW64 ~/Cognizance (master)
```

```
$ git merge
```

```
Already up to date.
```

```
HP@Sidesh MINGW64 ~/Cognizance (master)
```

```
$ git merge https://github.com/Sideshsundar/Cognizance
```

```
merge: https://github.com/Sideshsundar/Cognizance - not something we can merge
```

```
HP@Sidesh MINGW64 ~/Cognizance (master)
```

```
$ git rebase
```

```
Current branch master is up to date.
```

GIT FORK

 Sidesh06 / Cognizance Public

forked from Sideshsundar/Cognizance

 Pin

 Watch 0

 Fork 1

 Star 0

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 patch-1

 3 branches

 0 tags

[Go to file](#)

[Add file](#)


[Code](#)


About




This branch is 1 commit ahead of Sideshsundar:main.

 [Contribute](#)

 [Fetch upstream](#)

 Sidesh06 Create Fork

317ddb2 2 hours ago  2 commits

 Fork

Create Fork

2 hours ago

 README.md

Initial commit

7 hours ago

README.md



COGNIZANCE

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

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Owners


Feb

Sideshsundar

Sidesh06

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 Sideshsundar / Cognizance

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GIT CONFIG --LIST --SHOW-ORIGIN

```
HP@Sidesh MINGW64 ~/Cognizance (master)
$ 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/HP/.gitconfig user.name=Sideshsundar
file:C:/Users/HP/.gitconfig user.email=ch.en.u4aie21150@ch.students.amrita.edu
file:C:/Users/HP/.gitconfig filter.lfs.clean=git-lfs clean -- %f
file:C:/Users/HP/.gitconfig filter.lfs.smudge=git-lfs smudge -- %f
file:C:/Users/HP/.gitconfig filter.lfs.process=git-lfs filter-process
file:C:/Users/HP/.gitconfig filter.lfs.required=true
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/Sideshsundar/Cognizance.git
file:./.git/config remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
file:./.git/config branch.master.remote=origin
file:./.git/config branch.master.merge=refs/heads/master
```


GIT CONFIG --LIST --SHOW-SCOPE

```
HP@Sidesh 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=Sideshsundar
global user.email=ch.en.u4aie21150@ch.students.amrita.edu
global filter.lfs.clean=git-lfs clean -- %f
global filter.lfs.smudge=git-lfs smudge -- %f
global filter.lfs.process=git-lfs filter-process
global filter.lfs.required=true
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/Sideshsundar/Cognizance.git
local remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
local branch.master.remote=origin
local branch.master.merge=refs/heads/master
```