

**NAME:THARUN S**

**DEPT:CSE-1Y(A)**

**ID:21071**

**COGNIZANCE**

**TASK-1**

# Creating Directory

```
THARUN@THARUN MINGW64 ~/OneDrive/Desktop/file1  
$ mkdir Cognizance
```

```
THARUN@THARUN MINGW64 ~/OneDrive/Desktop/file1  
$ cd Cognizance
```

```
THARUN@THARUN MINGW64 ~/OneDrive/Desktop/file1/Cognizance  
$ git config --global user.name "Tharun1106"
```

```
THARUN@THARUN MINGW64 ~/OneDrive/Desktop/file1/Cognizance  
$ git config --global user.email "tharun647@gmail.com"
```

# Connecting to Server

```
THARUN@THARUN MINGW64 ~/OneDrive/Desktop/file1/Cognizance  
$ git init  
Initialized empty Git repository in C:/Users/Admin/OneDrive/Desktop/file1/Cognizance/.git/
```

```
THARUN@THARUN MINGW64 ~/OneDrive/Desktop/file1/Cognizance (master)  
$ git remote add origin https://github.com/Tharun1106/Cognizance.git
```

# Git add

```
THARUN@THARUN MINGW64 ~/OneDrive/Desktop/file1/Cognizance (master)
$ git status
On branch master

No commits yet

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

THARUN@THARUN MINGW64 ~/OneDrive/Desktop/file1/Cognizance (master)
$ touch task-1

THARUN@THARUN MINGW64 ~/OneDrive/Desktop/file1/Cognizance (master)
$ git add task-1
```

# Git checkout -b

```
THARUN@THARUN MINGW64 ~/OneDrive/Desktop/file1/Cognizance (master)
$ git checkout -b prime
Switched to a new branch 'prime'

THARUN@THARUN MINGW64 ~/OneDrive/Desktop/file1/Cognizance (prime)
$ git checkout -b main
Switched to a new branch 'main'

THARUN@THARUN MINGW64 ~/OneDrive/Desktop/file1/Cognizance (main)
```

# Git clone

```
THARUN@THARUN MINGW64 ~/OneDrive/Desktop/file1/Cognizance (main)
$ git clone https://github.com/Tharun1106/Cognizance.git
Cloning into 'Cognizance'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.
```

# Git commit

```
THARUN@THARUN MINGW64 ~/OneDrive/Desktop/file1/Cognizance (main)
$ git commit
[main (root-commit) d13cf5c] first commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 task-1
```

# Git commit-a

```
THARUN@THARUN MINGW64 ~/OneDrive/Desktop/file1/Cognizance (master)
$ git commit -a
[main (root-commit) d13cf5c] first commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 task-1
```

## Git fetch

```
THARUN@THARUN MINGW64 ~/OneDrive/Desktop/file1/Cognizance (main)
$ 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), 588 bytes | 26.00 KiB/s, done.
From https://github.com/Tharun1106/Cognizance
* [new branch]      main      -> origin/main
```

# Git fetch -all

```
THARUN@THARUN MINGW64 ~/OneDrive/Desktop/file1/Cognizance (main)
$ git fetch --all
Fetching origin
```

# Git merge

```
THARUN@THARUN MINGW64 ~/OneDrive/Desktop/file1/Cognizance (main)
$ git checkout master
error: pathspec 'master' did not match any file(s) known to git

THARUN@THARUN MINGW64 ~/OneDrive/Desktop/file1/Cognizance (main)
$ git checkout -b master
Switched to a new branch 'master'

THARUN@THARUN MINGW64 ~/OneDrive/Desktop/file1/Cognizance (master)
$ git merge main
Already up to date.
```

# Git pull

```
THARUN@THARUN MINGW64 ~/OneDrive/Desktop/file1/Cognizance (master)
```


```
$ git pull
```

```
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> master
```



```
THARUN@THARUN MINGW64 ~/OneDrive/Desktop/file1/Cognizance (master)
$ git push origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 207 bytes | 69.00 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/Tharun1106/Cognizance/pull/new/master
remote:
To https://github.com/Tharun1106/Cognizance.git
 * [new branch]      master -> master
```



# Git reset

```
THARUN@THARUN MINGW64 ~/OneDrive/Desktop/file1/Cognizance (master)  
$ git reset
```

```
THARUN@THARUN MINGW64 ~/OneDrive/Desktop/file1/Cognizance (master)  
$ git reset --hard  
HEAD is now at d13cf5c first commit
```

# Git Rebase

```
THARUN@THARUN MINGW64 ~/OneDrive/Desktop/file1/Cognizance (master)
```

```
$ git merge
```

```
fatal: No remote for the current branch.
```

```
THARUN@THARUN MINGW64 ~/OneDrive/Desktop/file1/Cognizance (master)
```

```
$ git merge main
```

```
Already up to date.
```

```
THARUN@THARUN MINGW64 ~/OneDrive/Desktop/file1/Cognizance (master)
```

```
$ git merge https://github.com/Tharun1106/Cognizance.git
```

```
merge: https://github.com/Tharun1106/Cognizance.git - not something we can merge
```

```
THARUN@THARUN MINGW64 ~/OneDrive/Desktop/file1/Cognizance (master)
```

```
$ git rebase main
```

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

# Git fork

TASK 1 [GIT & GITHUB] x Forks · Tharun1106/Cognizance x +

github.com/Tharun1106/Cognizance/network/members

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# git config --list --show-origin

```
THARUN@THARUN MINGW64 ~/OneDrive/Desktop/file1/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/Admin/.gitconfig user.name=Tharun1106
file:C:/Users/Admin/.gitconfig user.email=tharun647@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/Tharun1106/Cognizance.git
file:.git/config remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
```

```
THARUN@THARUN MINGW64 ~/OneDrive/Desktop/file1/Cognizance (master)
```

```
$ |
```