

# Cognizance

## Task-1

### 1.git add

```
srish@LAPTOP-P8ULL24B MINGW64 /e/Cognizance (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   test123.java

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

srish@LAPTOP-P8ULL24B MINGW64 /e/Cognizance (main)
$ git add test.java

srish@LAPTOP-P8ULL24B MINGW64 /e/Cognizance (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   test.java
    new file:   test123.java
```

### 2.git clone

```
srish@LAPTOP-P8ULL24B MINGW64 /e/Cognizance (main)
$ git clone https://github.com/srish-cell/Cognizance.git
Cloning into 'Cognizance'...
remote: Enumerating objects: 12, done.
remote: Counting objects: 100% (12/12), done.
remote: Compressing objects: 100% (7/7), done.
remote: Total 12 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (12/12), done.
```

### 3.git checkout

```
srish@LAPTOP-P8ULL24B MINGW64 /e/Cognizance (main)
$ git branch
* main

srish@LAPTOP-P8ULL24B MINGW64 /e/Cognizance (main)
$ git checkout main
Already on 'main'
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)
```

## 4. git checkout -b

```
MINGW64:/e/Cognizance
$ git checkout main
Already on 'main'
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

srish@LAPTOP-P8ULL24B MINGW64 /e/Cognizance (main)
$ git checkout -b Develop
Switched to a new branch 'Develop'

srish@LAPTOP-P8ULL24B MINGW64 /e/Cognizance (Develop)
$ git push origin Develop
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 12 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (9/9), 1.54 KiB | 1.54 MiB/s, done.
Total 9 (delta 0), reused 6 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'Develop' on GitHub by visiting:
remote:   https://github.com/srish-cell/Cognizance/pull/new/Develop
remote:
To https://github.com/srish-cell/Cognizance.git
 * [new branch]      Develop -> Develop
```

## 5.git push

```
srish@LAPTOP-P8ULL24B MINGW64 /e/Cognizance (main)
$ git diff main origin/main
diff --git a/test.java b/test.java
deleted file mode 100644
index e69de29..0000000
diff --git a/test123.java b/test123.java
deleted file mode 100644
index e69de29..0000000
srish@LAPTOP-P8ULL24B MINGW64 /e/Cognizance (main)
$ git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 359 bytes | 359.00 KiB/s, done.
Total 2 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/srish-cell/Cognizance.git
 d78f2e1..3a30b89  main -> main
```

## 6.git commit

```
srish@LAPTOP-P8ULL24B MINGW64 /e/Cognizance (main)
$ git commit -m "my next commit"
[main b00c567] my next commit
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 test.java
 create mode 100644 test123.java
```

## 7.git commit -a

MINGW64:/e/Cognizance

```
srish@LAPTOP-P8ULL24B MINGW64 /e/Cognizance (Develop)
$ git commit -m "my 1st commit from the local machine"
[Develop d74bc14] my 1st commit from the local machine
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 file_2.txt

srish@LAPTOP-P8ULL24B MINGW64 /e/Cognizance (Develop)
$ git push origin Develop
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 286 bytes | 286.00 KiB/s, done.
Total 2 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/srish-cell/Cognizance.git
b00c567..d74bc14 Develop -> Develop
```

## 8.git reset

```
srish@LAPTOP-P8ULL24B MINGW64 /e/Cognizance (main)
$ git log --oneline
3a30b89 (HEAD -> main, origin/main, origin/HEAD) Merge branch 'main' of https://github.com/srish-cell/Cognizance
b00c567 my next commit
d78f2e1 Create file_1.txt
9ff49d5 Create test123.txt
ec5160e Create README.md

srish@LAPTOP-P8ULL24B MINGW64 /e/Cognizance (main)
$ git reset --soft HEAD

srish@LAPTOP-P8ULL24B MINGW64 /e/Cognizance (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   task-1.txt

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

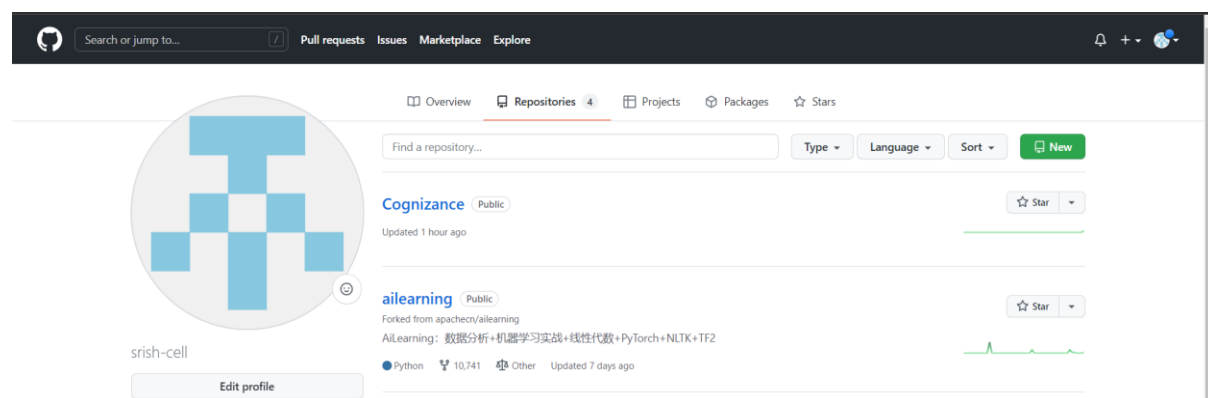
## 9.git pull

```
srish@LAPTOP-P8ULL24B MINGW64 ~/Cognizance (main)
$ git pull
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (1/1), done.
remote: Total 2 (delta 1), reused 2 (delta 1), pack-reused 0
Unpacking objects: 100% (2/2), 339 bytes | 33.00 KiB/s, done.
From https://github.com/srish-cell/Cognizance
   d78f2e1..3a30b89  main       -> origin/main
```

## 10.git fetch

```
srish@LAPTOP-P8ULL24B MINGW64 ~/Cognizance (main)
$ git fetch https://github.com/apache/ailearning.git
remote: Enumerating objects: 4143, done.
remote: Counting objects: 100% (999/999), done.
remote: Compressing objects: 100% (970/970), done.
remote: Total 4143 (delta 67), reused 956 (delta 29), pack-reused 3144
Receiving objects: 100% (4143/4143), 80.75 MiB | 3.71 MiB/s, done.
Resolving deltas: 100% (1035/1035), done.
From https://github.com/apache/ailearning
 * branch                HEAD       -> FETCH_HEAD
```

## 11.git fork



## 12.git config --list --show-

```
srish@LAPTOP-P8ULL24B MINGW64 /e/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/srish/.gitconfig user.name=CH.EN.U4CYS21081@SRISH.N
file:C:/Users/srish/.gitconfig user.email=ch.en.u4cys21081@ch.students.amrita.edu
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/srish-cell/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
```