CREATING AN GITHUB ACCOUNT
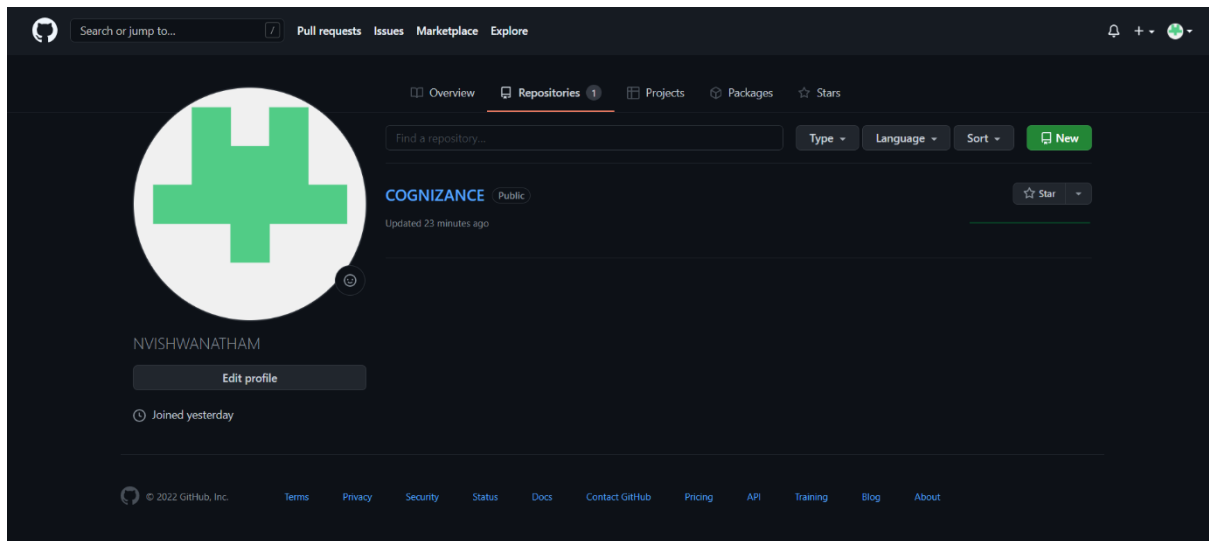
GIT OPERATIONS

1. Git add

2.Git reset/status

```
NEELAM VISHWANATH@LAPTOP-4LN84RB9 MINGW64 /c/Cognizance (master)
$ git add file.txt

NEELAM VISHWANATH@LAPTOP-4LN84RB9 MINGW64 /c/Cognizance (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   file.txt

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

NEELAM VISHWANATH@LAPTOP-4LN84RB9 MINGW64 /c/Cognizance (master)
$ git reset

NEELAM VISHWANATH@LAPTOP-4LN84RB9 MINGW64 /c/Cognizance (master)
$ git status
On branch master

No commits yet

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

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

3.Git checkout

```
$ git checkout -b main
Switched to a new branch 'main'


NEELAM VISHWANATH@LAPTOP-4LN84RB9 MINGW64 ~/cognizance (main)
$
```

4.Git checkout -b

```
NEELAM VISHWANATH@LAPTOP-4LN84RB9 MINGW64 ~/cognizance (master)
$ git checkout -b task1
Switched to a new branch 'task1'
```

5.Get commit

```
MINGW64:/c/Cognizance

NEELAM VISHWANATH@LAPTOP-4LN84RB9 MINGW64 /c/Cognizance (master)
$ touch demo.txt

NEELAM VISHWANATH@LAPTOP-4LN84RB9 MINGW64 /c/Cognizance (master)
$ git add demo.txt

NEELAM VISHWANATH@LAPTOP-4LN84RB9 MINGW64 /c/Cognizance (master)
$ git commit -m "first commit"
[master (root-commit) 754d88f] first commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 demo.txt

NEELAM VISHWANATH@LAPTOP-4LN84RB9 MINGW64 /c/Cognizance (master)
$
```

6.Get commit -a

```
NEELAM VISHWANATH@LAPTOP-4LN84RB9 MINGW64 /c/Cognizance (master)
$ git commit -a
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        COGNIZANCE/
        file.txt

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

NEELAM VISHWANATH@LAPTOP-4LN84RB9 MINGW64 /c/Cognizance (master)
$
```

7.clone

```
MINGW64:/c/Users/NEELAM VISHWANATH/cognizance

NEELAM VISHWANATH@LAPTOP-4LN84RB9 MINGW64 ~/cognizance (master)
$ git clone https://github.com/NVISHWANATHAM/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.

NEELAM VISHWANATH@LAPTOP-4LN84RB9 MINGW64 ~/cognizance (master)
$ git checkout -b task1
Switched to a new branch 'task1'

NEELAM VISHWANATH@LAPTOP-4LN84RB9 MINGW64 ~/cognizance (task1)
$ |
```

8.Git fetch

```
MINGW64:/c/Cognizance

NEELAM VISHWANATH@LAPTOP-4LN84RB9 MINGW64 /c/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), 601 bytes | 9.00 KiB/s, done.
From https://github.com/NVISHWANATHAM/COGNIZANCE
 * [new branch]      main       -> origin/main

NEELAM VISHWANATH@LAPTOP-4LN84RB9 MINGW64 /c/Cognizance (master)
$
```

9.Git merge

```
MINGW64:/c/Cognizance

NEELAM VISHWANATH@LAPTOP-4LN84RB9 MINGW64 /c/Cognizance (main)
$ git merge main
Already up to date.

NEELAM VISHWANATH@LAPTOP-4LN84RB9 MINGW64 /c/Cognizance (main)
$
```

10.Git push

```
MINGW64:/c/Cognizance

NEELAM VISHWANATH@LAPTOP-4LN84RB9 MINGW64 /c/Cognizance (main)
$ git push origin master
Everything up-to-date

NEELAM VISHWANATH@LAPTOP-4LN84RB9 MINGW64 /c/Cognizance (main)
$
```
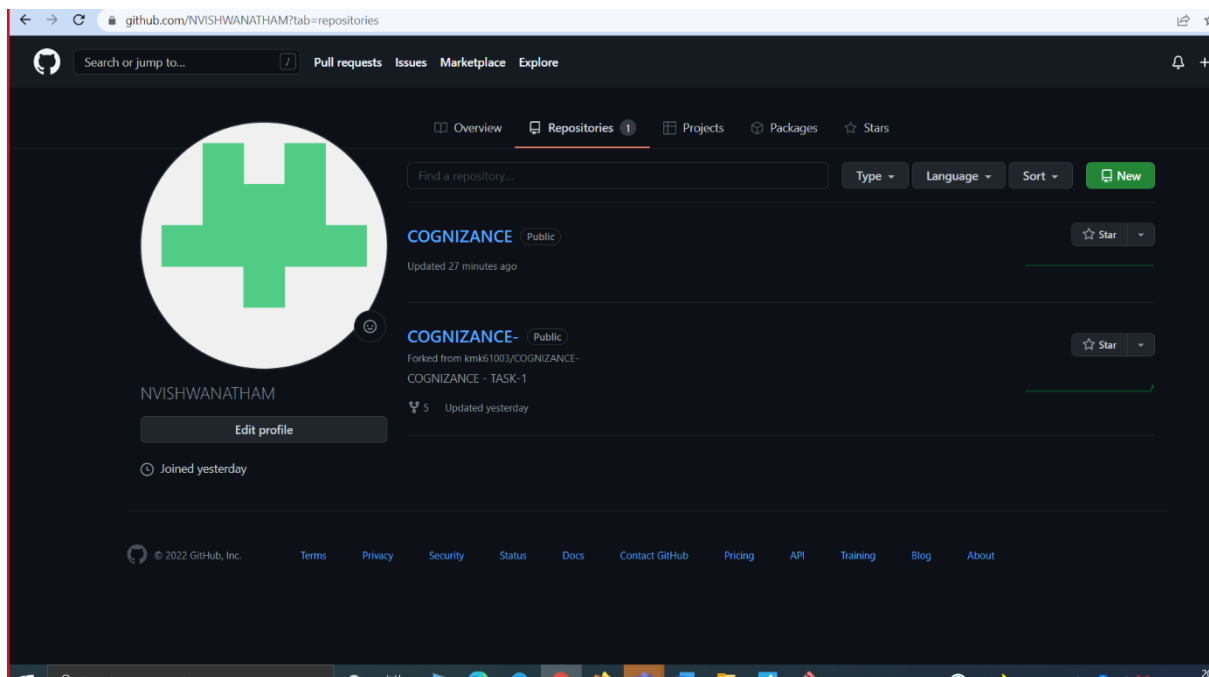
11.git pull

12.git rebase

13.git fork

14.git config list ---list-show-origin

```
MINGW64:/c/Cognizance

NEELAM VISHWANATH@LAPTOP-4LN84RB9 MINGW64 /c/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/NEELAM VISHWANATH/.gitconfig      user.email=neelamviswanadh0001@gmail.com
file:C:/Users/NEELAM VISHWANATH/.gitconfig      user.name=NVISHWANATHAM
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/NVISHWANATHAM/COGNIZANCE.git
file:.git/config          remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*

NEELAM VISHWANATH@LAPTOP-4LN84RB9 MINGW64 /c/Cognizance (main)
$
```