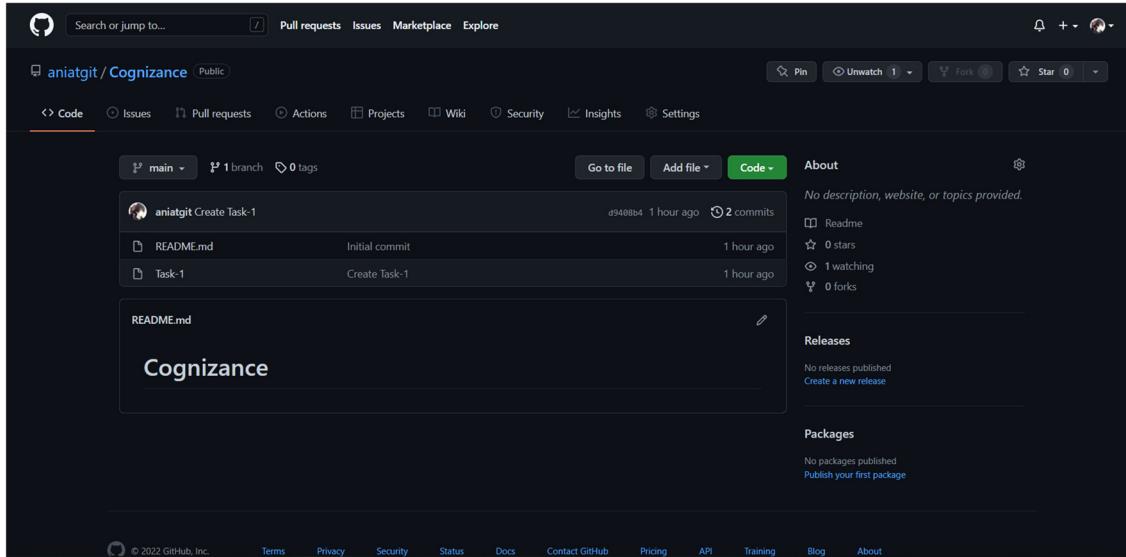


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Conizance Preliminary task-1

15/4/2022

1<sup>st</sup> creating account, setup, and making a repository in github



The screenshot shows a GitHub repository named 'aniatgit / Cognizance'. The repository is public and contains 1 branch and 0 tags. It has two files: 'README.md' and 'Task-1'. The 'README.md' file contains the text 'Cognizance'. The repository has 2 commits, both from 'aniatgit' and labeled 'Create Task-1'. The repository has 0 stars, 1 watching, and 0 forks.

2<sup>nd</sup> [git config --list --show-origin]( that was a task and I don't really understand why we do this)

```
hp@Aniruddha-HP MINGW64 ~
$ git config --global user.name "Aniruddha Mukherjee"

hp@Aniruddha-HP MINGW64 ~
$ git config --global user.email "aniruddhamukherjee225@gmail.com"

hp@Aniruddha-HP MINGW64 ~
$ 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.usehttp
path=true
file:C:/Program Files/Git/etc/gitconfig init.defaultbranch=master
file:C:/Users/hp/.gitconfig      user.name=Aniruddha Mukherjee
file:C:/Users/hp/.gitconfig      user.email=aniruddhamukherjee225@gmail.com
```

3<sup>rd</sup>

Bash basic programs

1} clone (it should be done later by order but I made a repository in github first so I had to do it like this)

```
hp@Aniruddha-HP MINGW64 ~
$ git clone https://github.com/aniatgit/Cognizance.git
Cloning into 'Cognizance'...
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (6/6), done.
```

2} add

```
hp@Aniruddha-HP MINGW64 ~/cognizance (main)
$ git add .

hp@Aniruddha-HP MINGW64 ~/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:   cmdone.txt
```

4} checkout

```
hp@Aniruddha-HP MINGW64 ~/cognizance (main)
$ git checkout cmdone.txt
Updated 0 paths from the index
```

5} checkout -b

```
hp@Aniruddha-HP MINGW64 ~/cognizance (main)
$ git checkout -b cmdone.txt
Switched to a new branch 'cmdone.txt'

hp@Aniruddha-HP MINGW64 ~/cognizance (cmdone.txt)
$
```

6} fetch --- (I guess because there was no update done to the file so nothing happened)

```
hp@Aniruddha-HP MINGW64 ~/cognizance (main)
$ git branch
* main

hp@Aniruddha-HP MINGW64 ~/cognizance (main)
$ git fetch
```

7} merge --- (there was nothing to merge either since I had no updates)

```
hp@Aniruddha-HP MINGW64 ~/cognizance (main)
$ git merge
Already up to date.
```

8} pull --- (since there was no update done there was nothing to pull either)

```
hp@Aniruddha-HP MINGW64 ~/cognizance (main)
$ git pull
Already up to date.
```

9}reset

```
hp@Aniruddha-HP MINGW64 ~/cognizance (main)
$ git log --oneline
5574c84 (HEAD -> main) committing a hidden file
54f4bde solved issues
d9408b4 (origin/main, origin/HEAD) Create Task-1
421ad21 Initial commit

hp@Aniruddha-HP MINGW64 ~/cognizance (main)
$ git reset --hard HEAD~1
HEAD is now at 54f4bde solved issues

hp@Aniruddha-HP MINGW64 ~/cognizance (main)
$ git log --oneline
54f4bde (HEAD -> main) solved issues
d9408b4 (origin/main, origin/HEAD) Create Task-1
421ad21 Initial commit
```

10}rebase

```

hp@Aniruddha-HP MINGW64 ~/cognizance (rebase_feature)
$ git status
On branch rebase_feature
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:  testrun.txt

hp@Aniruddha-HP MINGW64 ~/cognizance (rebase_feature)
$ git commit -m "test for rebase"
[rebase_feature 9f32a66] test for rebase
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 testrun.txt

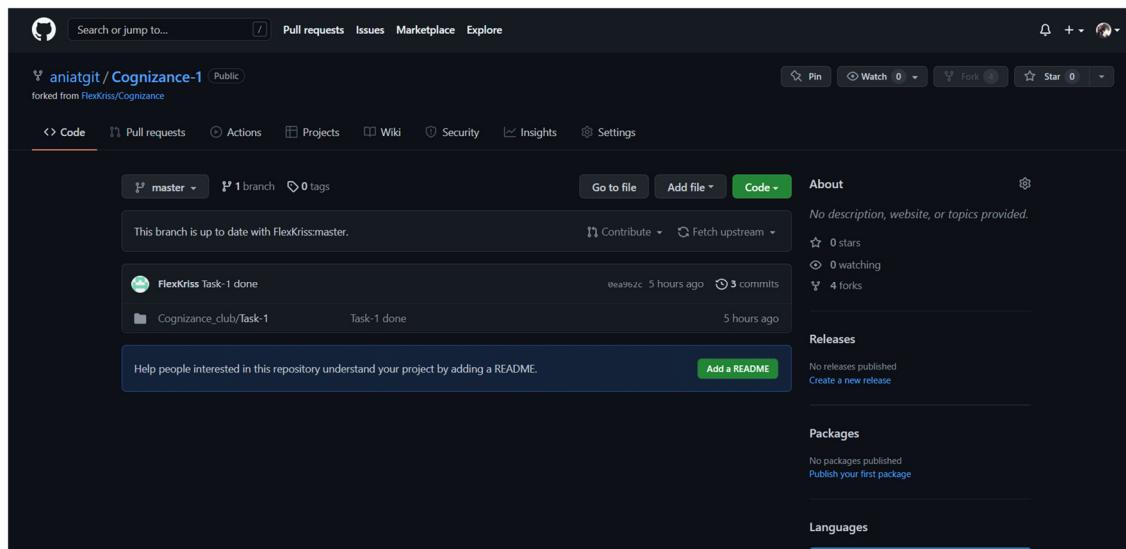
hp@Aniruddha-HP MINGW64 ~/cognizance (rebase_feature)
$ git checkout main
Switched to branch 'main'
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

hp@Aniruddha-HP MINGW64 ~/cognizance (main)
$ git pull
Already up to date.

hp@Aniruddha-HP MINGW64 ~/cognizance (main)
$ git rebase rebase_feature
Successfully rebased and updated refs/heads/main.

```

11}fork



12} push

```
hp@Aniruddha-HP MINGW64 ~/cognizance (main)
$ git push
Enumerating objects: 8, done.
Counting objects: 100% (8/8), done.
Delta compression using up to 16 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (7/7), 263.06 KiB | 26.31 MiB/s, done.
Total 7 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), done.
To https://github.com/aniatgit/Cognizance.git
  d9408b4..853c7a3  main -> main
```

13}commit

```
hp@Aniruddha-HP MINGW64 ~
$ cd cognizance

hp@Aniruddha-HP MINGW64 ~/cognizance (main)
$ ls
README.md  'Task - 1.pdf'

hp@Aniruddha-HP MINGW64 ~/cognizance (main)
$ git commit
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
```

14}commit -a

```
hp@Aniruddha-HP MINGW64 ~/cognizance (main)
$ git commit -a
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
```