

COGNIGANCE

TASK-1 [GIT & GITHUB]

1.Initialise git repository

```
perum@LAPTOP-1ESD76P0 MINGW64 ~/OneDrive - Amrita Vishwa Vidyapeetham- Chennai Campus/Desktop
$ mkdir gitrepo

perum@LAPTOP-1ESD76P0 MINGW64 ~/OneDrive - Amrita Vishwa Vidyapeetham- Chennai Campus/Desktop
$ cd gitrepo

perum@LAPTOP-1ESD76P0 MINGW64 ~/OneDrive - Amrita Vishwa Vidyapeetham- Chennai Campus/Desktop/gitrepo
$ ls -la
total 16
drwxr-xr-x 1 perum 197609 0 Feb 15 09:20 ./
drwxr-xr-x 1 perum 197609 0 Feb 15 09:20 ../

perum@LAPTOP-1ESD76P0 MINGW64 ~/OneDrive - Amrita Vishwa Vidyapeetham- Chennai Campus/Desktop/gitrepo
$ git init
Initialized empty Git repository in C:/Users/perum/OneDrive - Amrita Vishwa Vidyapeetham- Chennai Campus/Desktop/gitrepo/.git/

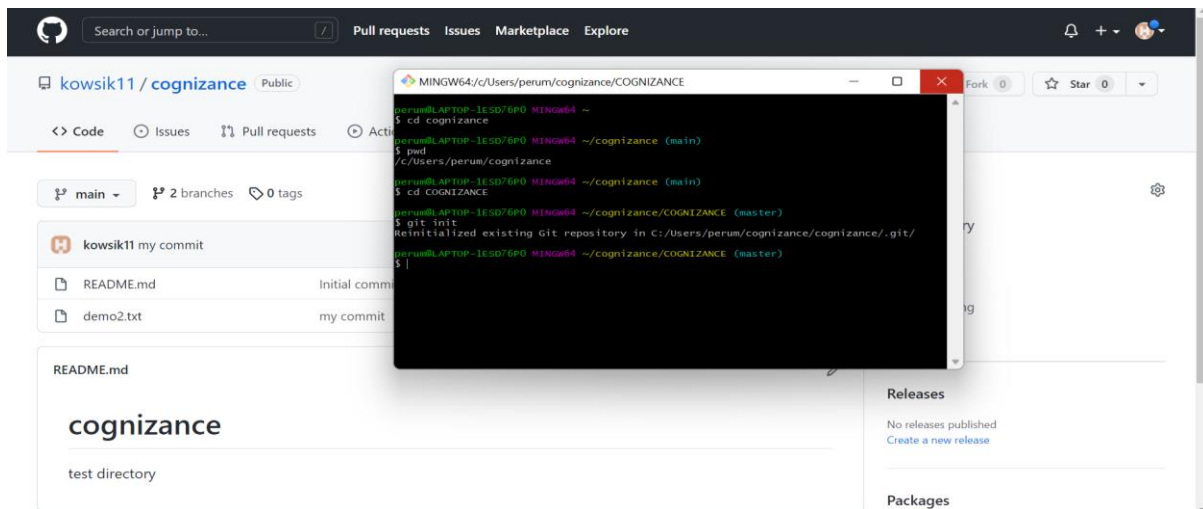
perum@LAPTOP-1ESD76P0 MINGW64 ~/OneDrive - Amrita Vishwa Vidyapeetham- Chennai Campus/Desktop/gitrepo (master)
$ cd .git

perum@LAPTOP-1ESD76P0 MINGW64 ~/OneDrive - Amrita Vishwa Vidyapeetham- Chennai Campus/Desktop/gitrepo/.git (GIT_DIR)
$ cat config
[core]
    repositoryformatversion = 0
    filemode = false
    bare = false
    logallrefupdates = true
    symlinks = false
    ignorecase = true

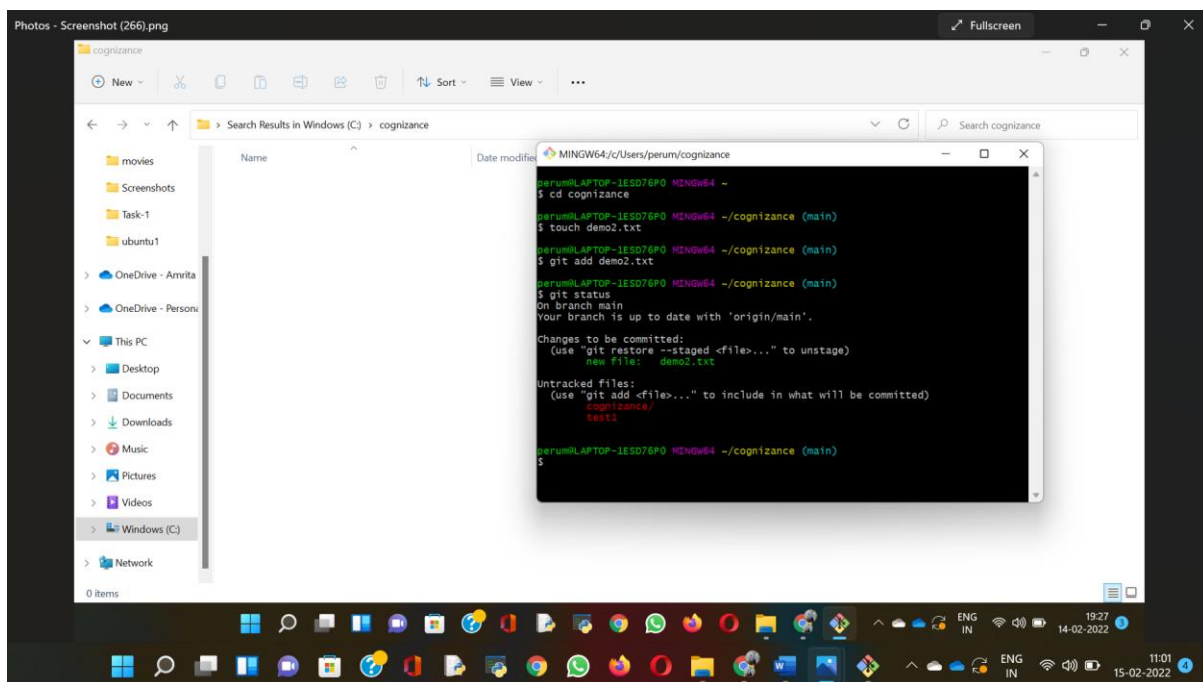
perum@LAPTOP-1ESD76P0 MINGW64 ~/OneDrive - Amrita Vishwa Vidyapeetham- Chennai Campus/Desktop/gitrepo/.git (GIT_DIR)
$ ls -la
total 11
drwxr-xr-x 1 perum 197609 0 Feb 15 09:21 ./
drwxr-xr-x 1 perum 197609 0 Feb 15 09:21 ../
-rw-r--r-- 1 perum 197609 23 Feb 15 09:21 HEAD
-rw-r--r-- 1 perum 197609 130 Feb 15 09:21 config
-rw-r--r-- 1 perum 197609 73 Feb 15 09:21 description
drwxr-xr-x 1 perum 197609 0 Feb 15 09:21 hooks/
drwxr-xr-x 1 perum 197609 0 Feb 15 09:21 info/
drwxr-xr-x 1 perum 197609 0 Feb 15 09:21 objects/
drwxr-xr-x 1 perum 197609 0 Feb 15 09:21 refs/

perum@LAPTOP-1ESD76P0 MINGW64 ~/OneDrive - Amrita Vishwa Vidyapeetham- Chennai Campus/Desktop/gitrepo/.git (GIT_DIR)
$
```

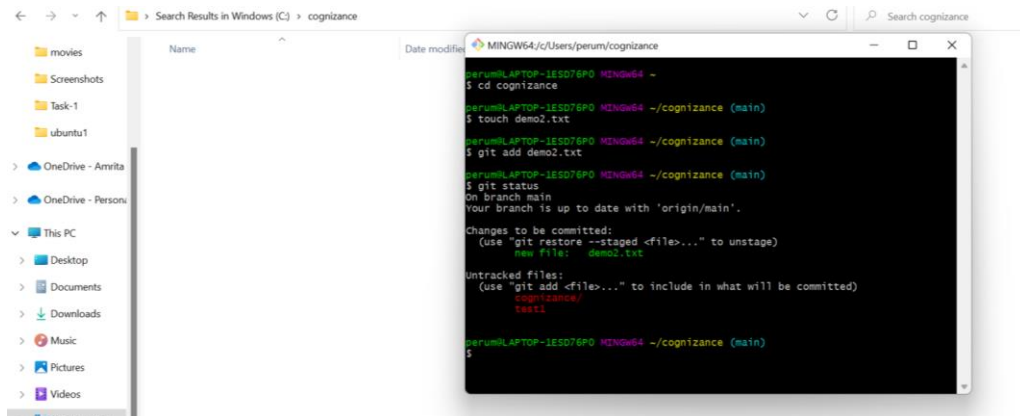
2. Creating a repository



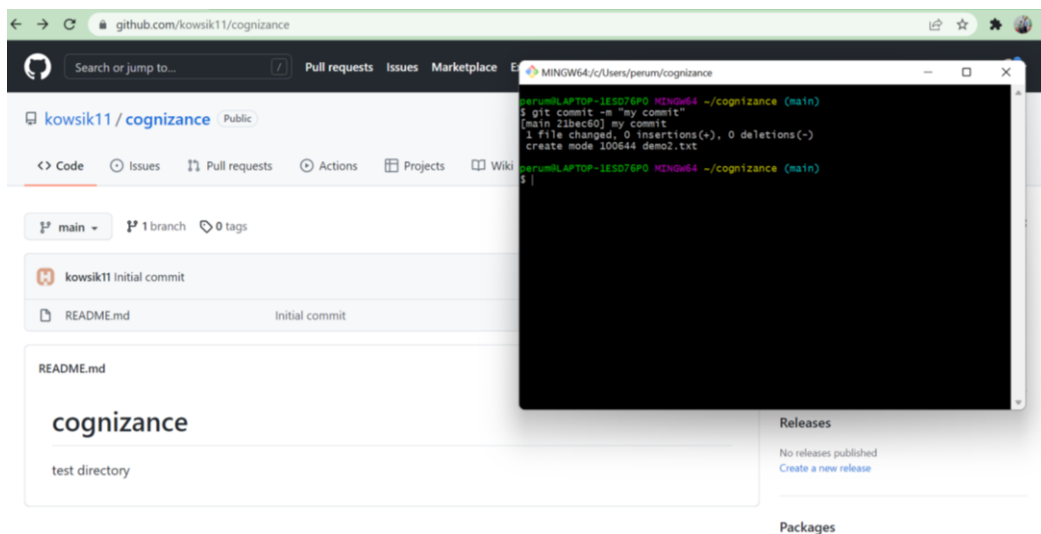
3. git add



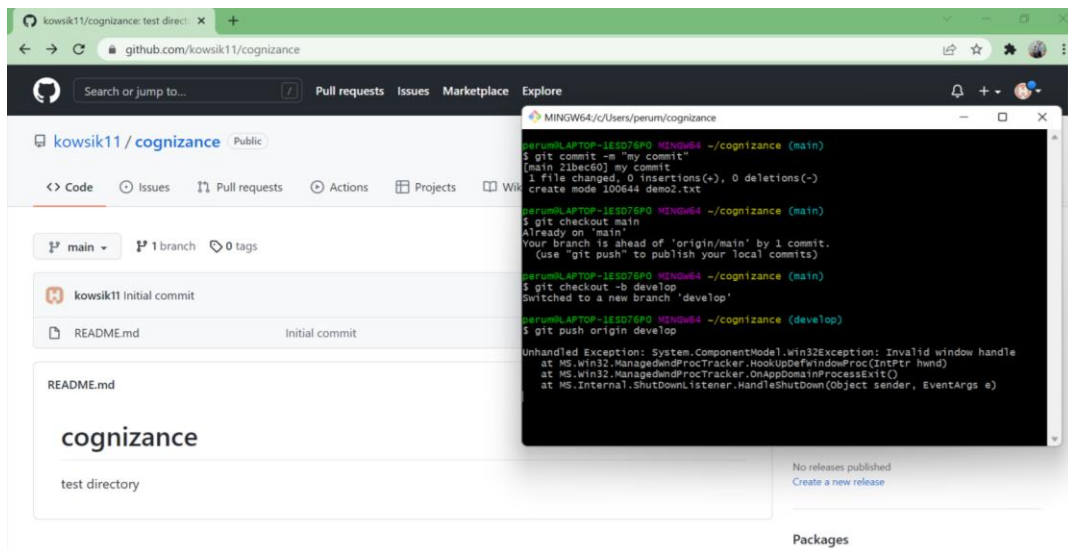
4.git status



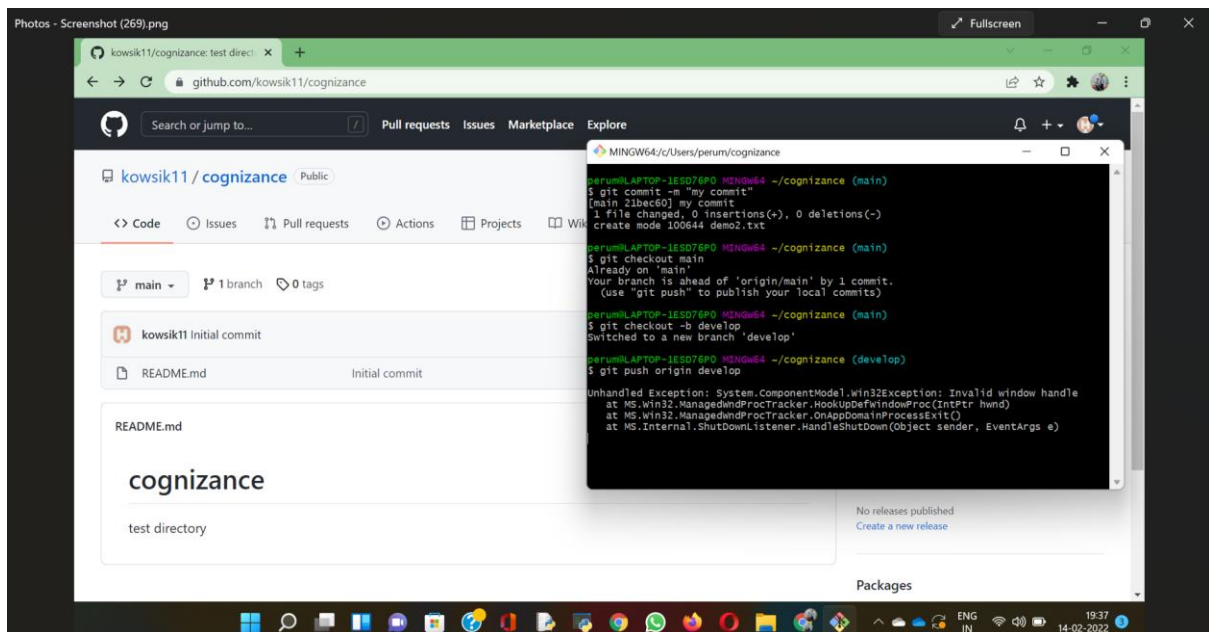
5.git commit



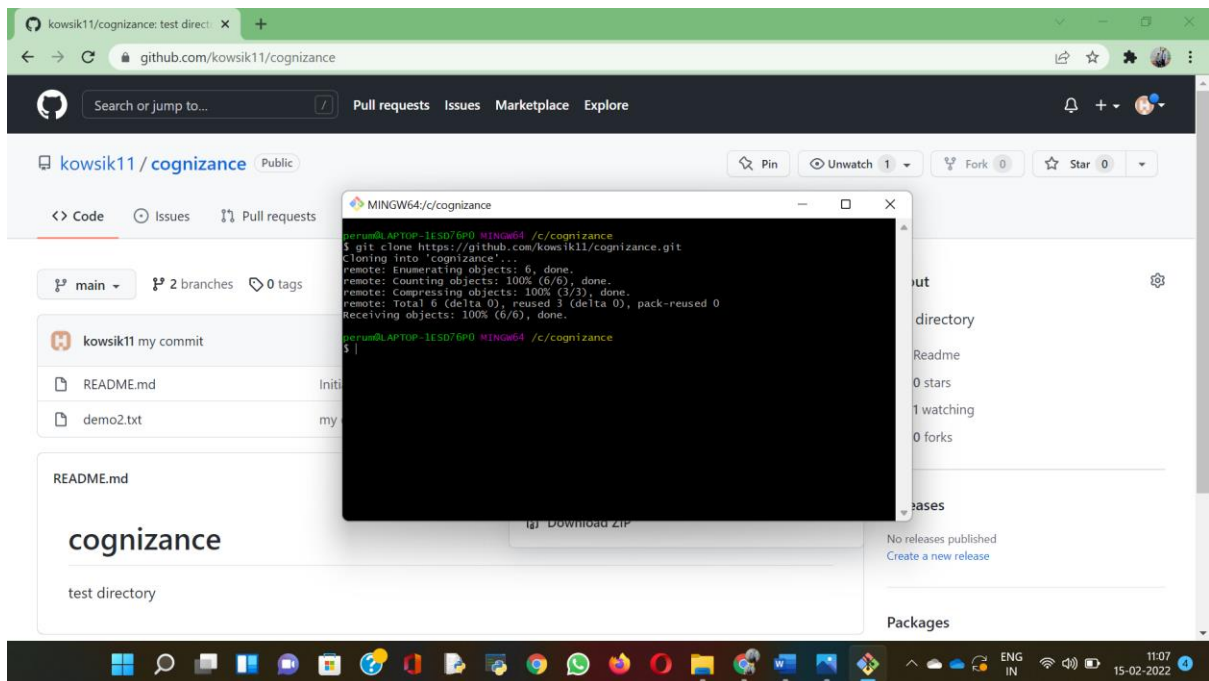
6.git checkout



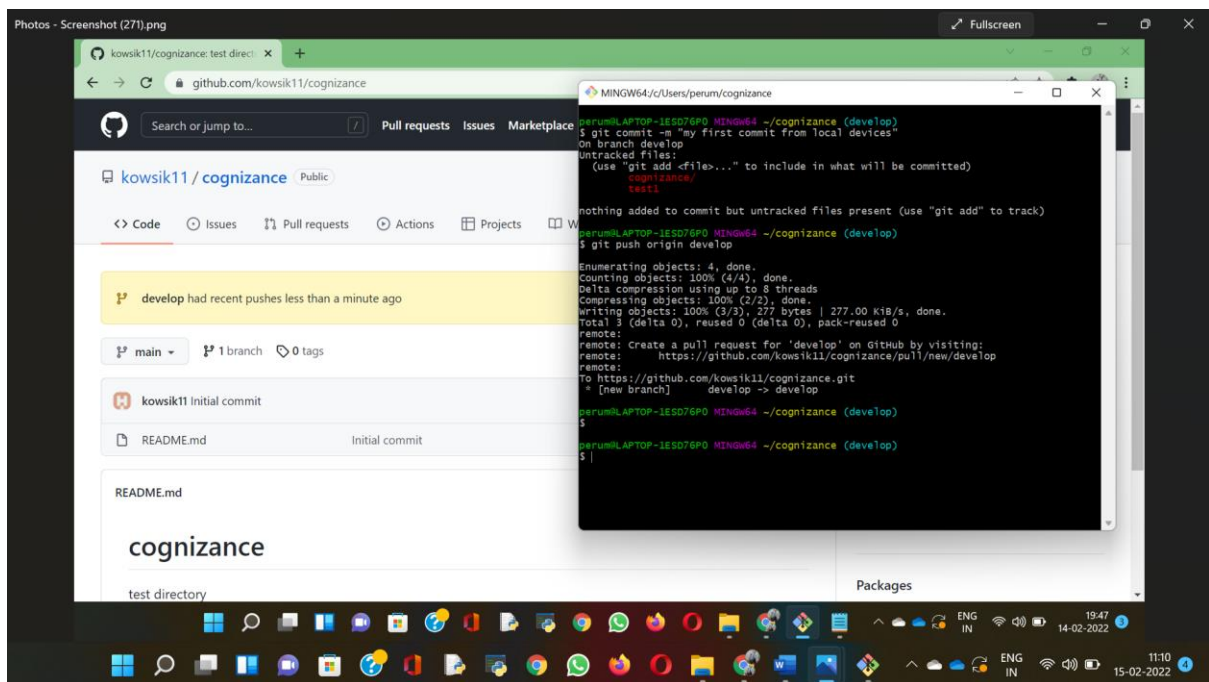
7. git checkout -b



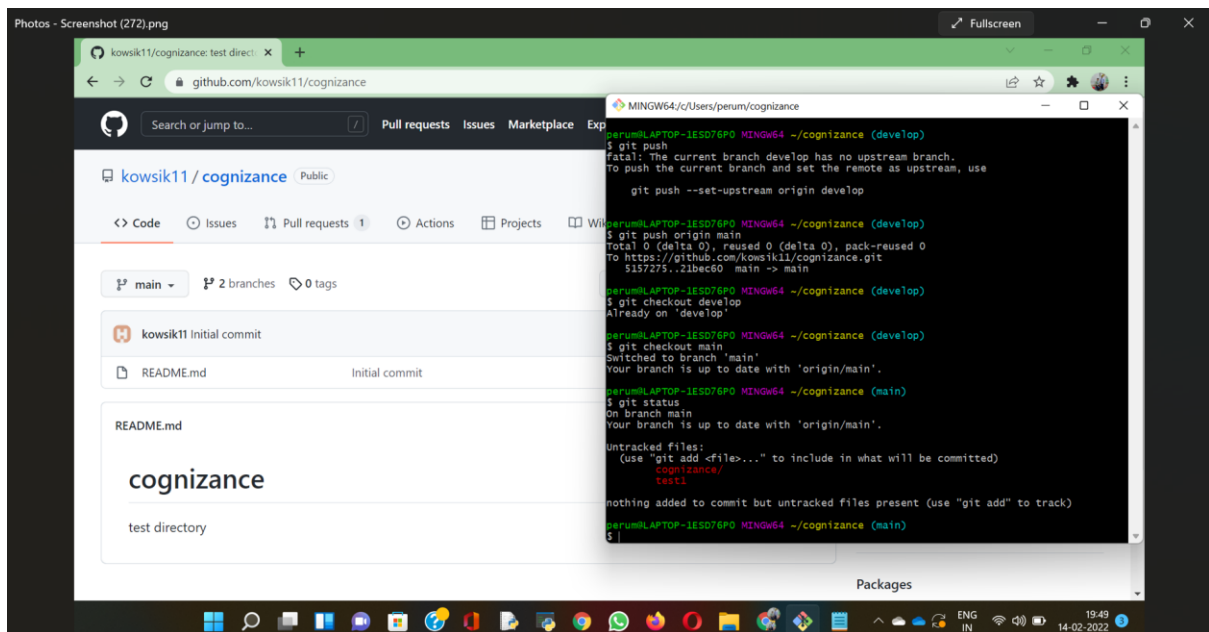
8. Git clone



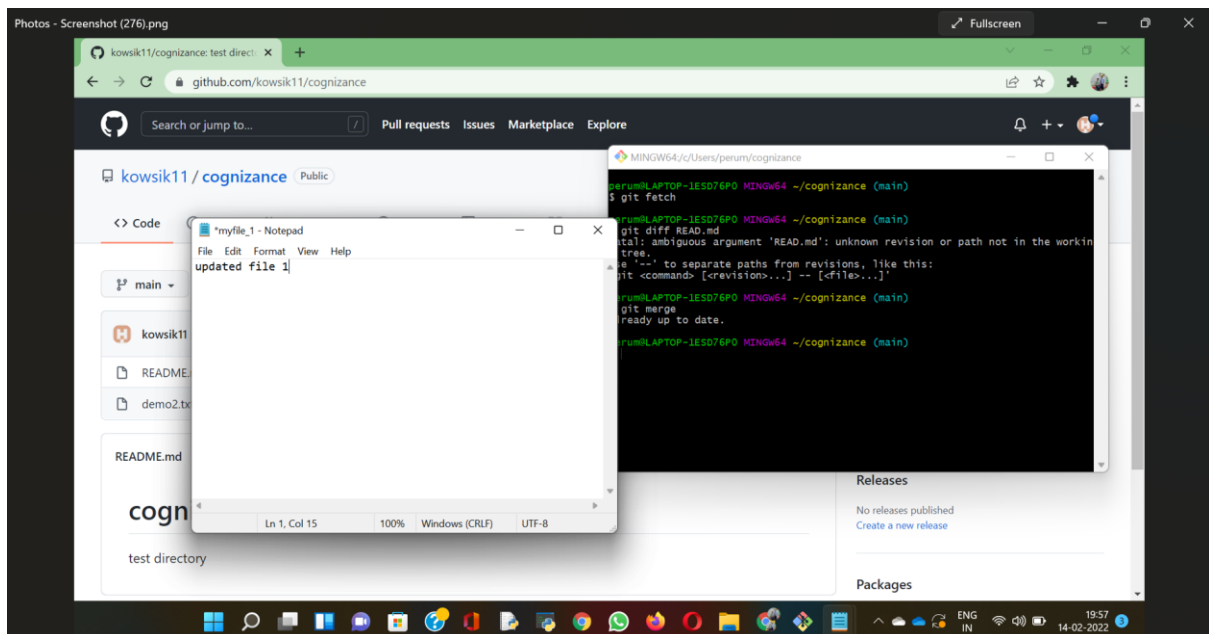
9. Git commit -a



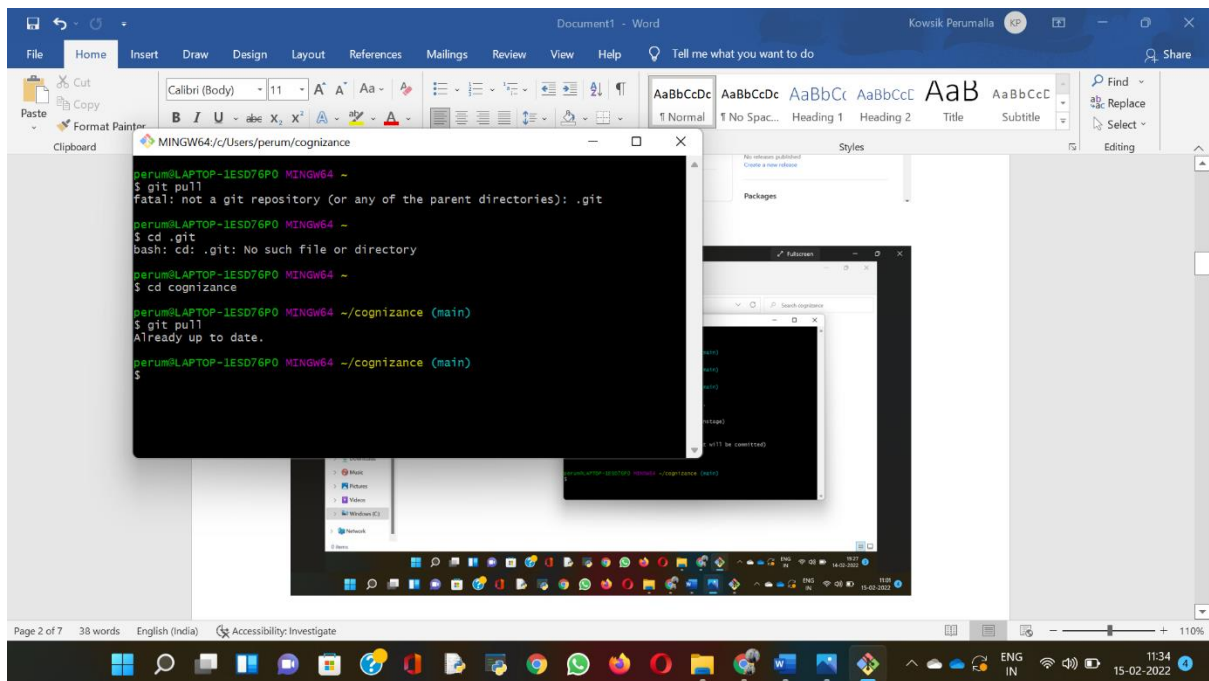
10. Git push



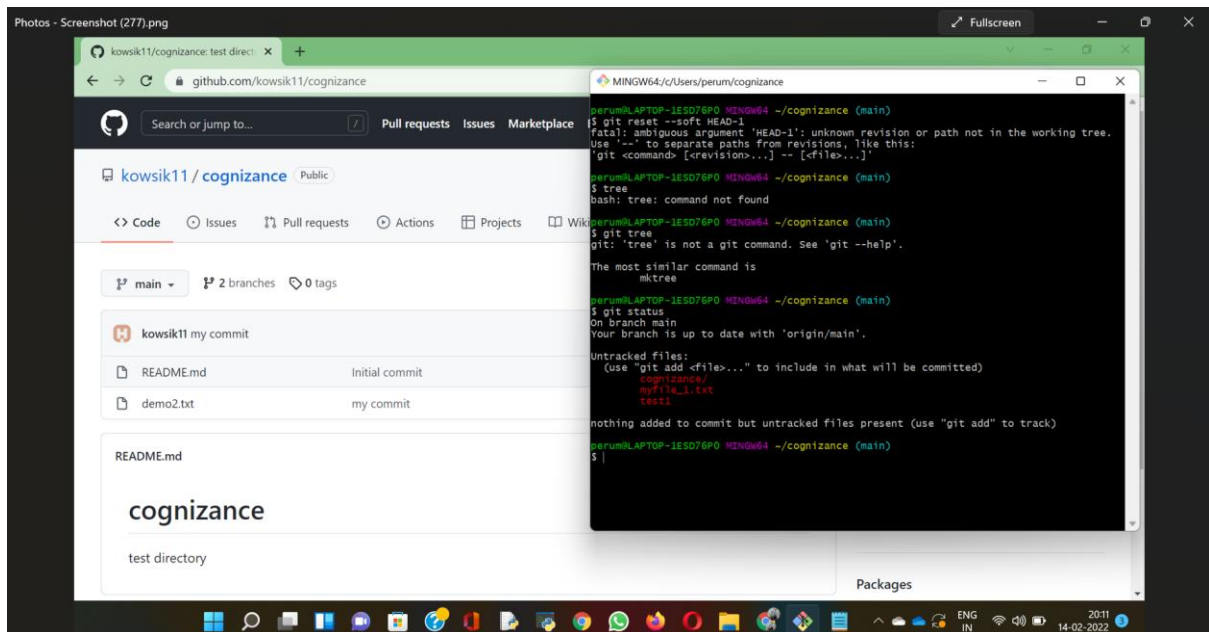
11. git merge



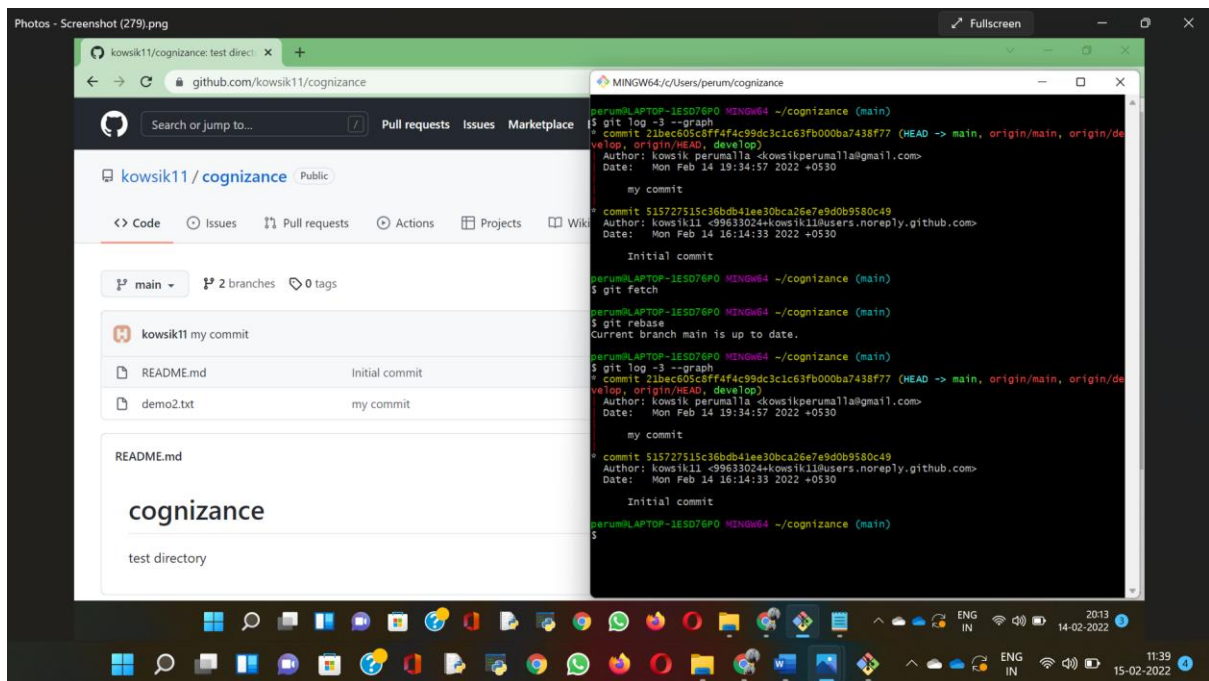
12.git pull



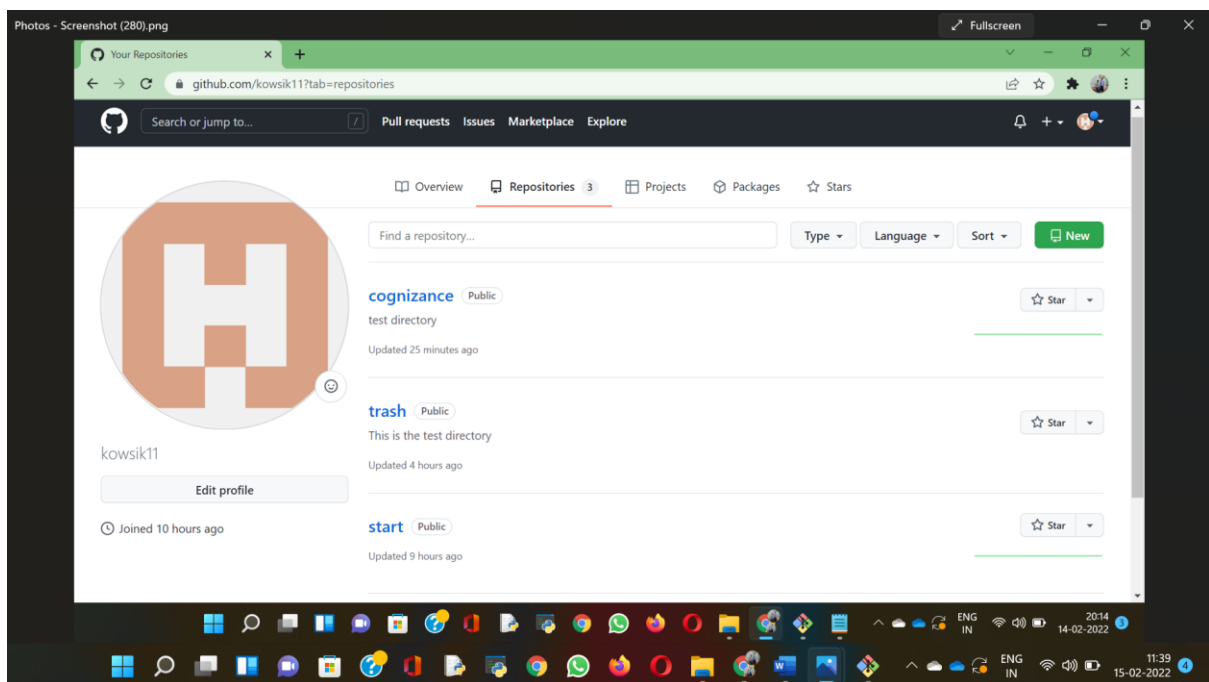
13.git reset



14.git rebase



15.git fork



Git config --list --show-

```
MINGW64/c/Users/perum/cognizance
$ git pull
Already up to date.

perum@LAPTOP-IESD76P0 MINGW64 ~/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.usehttp
path=true
file:C:/Program Files/Git/etc/gitconfig init.defaultbranch=master
file:C:/Users/perum/.gitconfig user.name=kowsik perumalla
file:C:/Users/perum/.gitconfig user.email=kowsikperumalla@gmail.com
file:C:/Users/perum/.gitconfig gui.recentrepo=C:/Users/perum/Documents
file:.git/config core.repositoryformatversion=0
file:.git/config core.filemode=false
file:.git/config core.bare=false
...skipping...
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/perum/.gitconfig user.name=kowsik perumalla
file:C:/Users/perum/.gitconfig user.email=kowsikperumalla@gmail.com
file:C:/Users/perum/.gitconfig gui.recentrepo=C:/Users/perum/Documents
file:.git/config core.repositoryformatversion=0
file:.git/config core.filemode=false
```