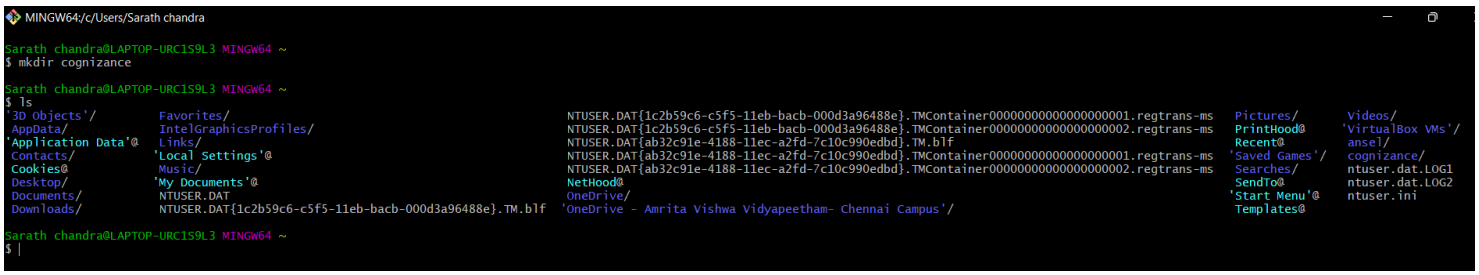
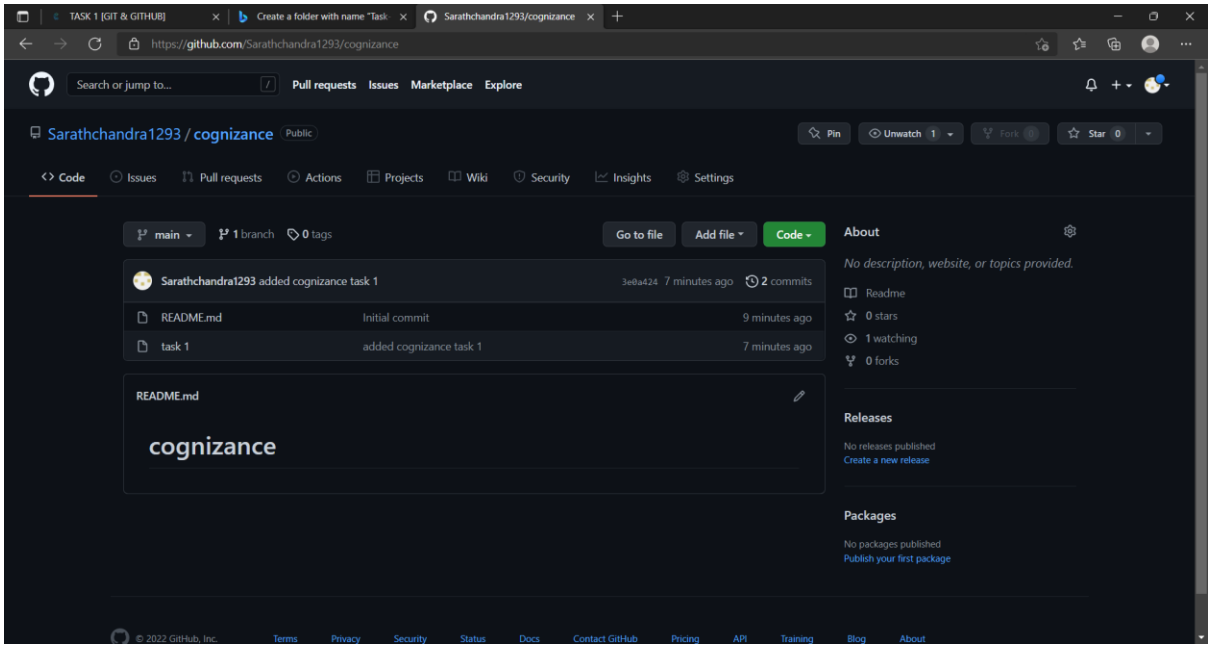
cognizance task -1

1. Creating repository





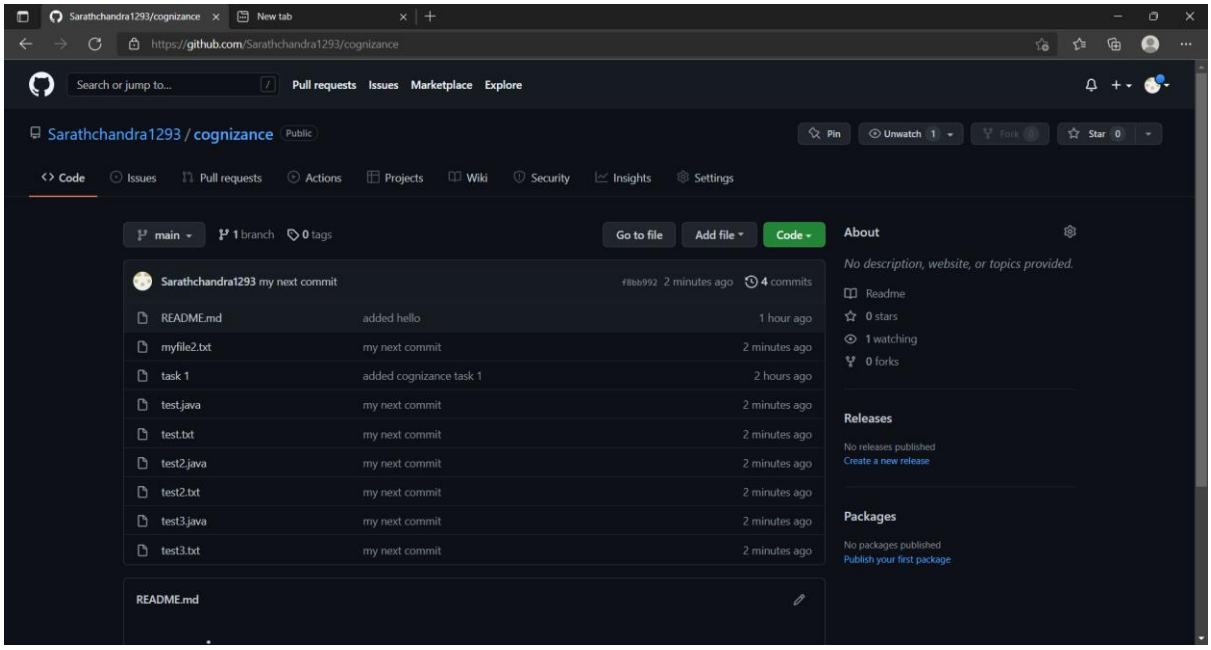
2. Git add, reset

```
MINGW64:/c/cognizance
  (use "git add <file>..." to include in what will be committed)
        test.java
        test.txt

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

Sarath chandra@LAPTOP-URC1S9L3 MINGW64 /c/cognizance (main)
$ git add test.txt

Sarath chandra@LAPTOP-URC1S9L3 MINGW64 /c/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.txt

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


Sarath chandra@LAPTOP-URC1S9L3 MINGW64 /c/cognizance (main)
$ touch test2.txt

Sarath chandra@LAPTOP-URC1S9L3 MINGW64 /c/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.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        test.java
        test2.txt


Sarath chandra@LAPTOP-URC1S9L3 MINGW64 /c/cognizance (main)
$ git add test.java test2.txt

Sarath chandra@LAPTOP-URC1S9L3 MINGW64 /c/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:   test.txt
        new file:   test2.txt
```

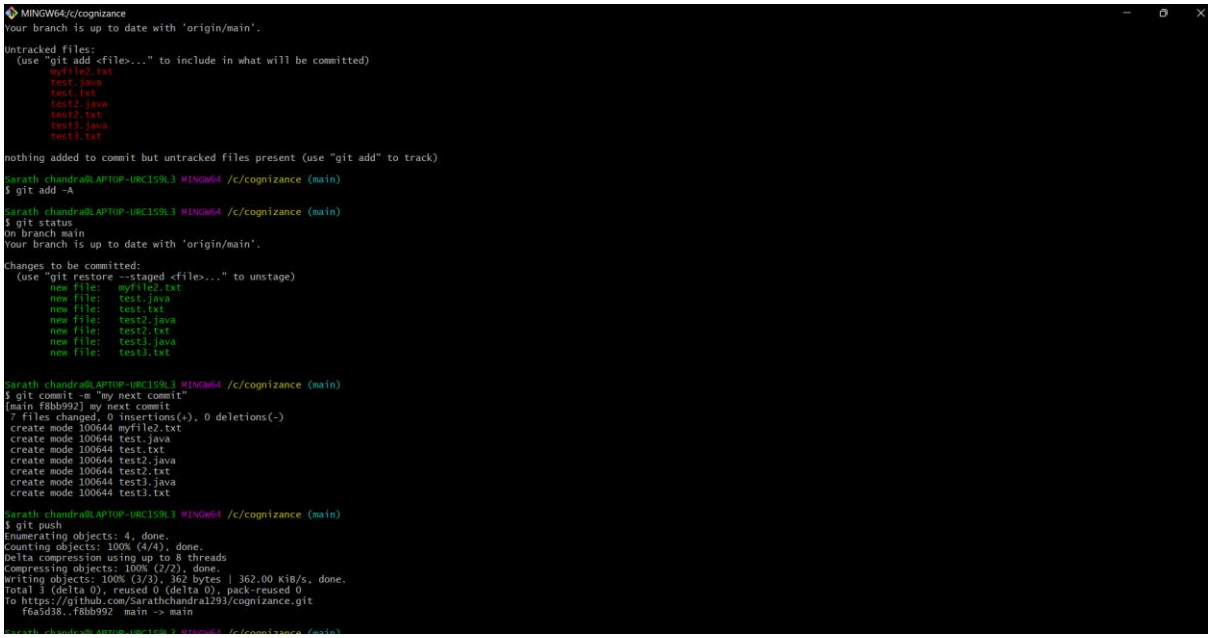
```
Sarath chandra@LAPTOP-URC1S9L3 MINGW64 /c/cognizance (main)
$ git reset

Sarath chandra@LAPTOP-URC1S9L3 MINGW64 /c/cognizance (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        myfile2.txt
        test.java
        test.txt
        test2.java
        test2.txt
        test3.java
        test3.txt

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

Sarath chandra@LAPTOP-URC1S9L3 MINGW64 /c/cognizance (main)
$ git add *.java *.txt

Sarath chandra@LAPTOP-URC1S9L3 MINGW64 /c/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:   myfile2.txt
        new file:   test.java
        new file:   test.txt
        new file:   test2.java
        new file:   test2.txt
        new file:   test3.java
        new file:   test3.txt


Sarath chandra@LAPTOP-URC1S9L3 MINGW64 /c/cognizance (main)
```

3. Git checkout , checkout -b

```
MINGW64:/c/cognizance

Sarath chandra@LAPTOP-URC1S9L3 MINGW64 /c/cognizance (main)
$ git checkout main
Already on 'main'
Your branch is up to date with 'origin/main'.

Sarath chandra@LAPTOP-URC1S9L3 MINGW64 /c/cognizance (main)
$ git checkout -b jack
Switched to a new branch 'jack'

Sarath chandra@LAPTOP-URC1S9L3 MINGW64 /c/cognizance (jack)
$ git push origin jack
Everything up-to-date

Sarath chandra@LAPTOP-URC1S9L3 MINGW64 /c/cognizance (jack)
$ git clone https://github.com/Sarathchandra1293/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 3 (delta 0), pack-reused 0
Receiving objects: 100% (12/12), done.

Sarath chandra@LAPTOP-URC1S9L3 MINGW64 /c/cognizance (jack)
$ ls
 README.md   cognizance/   myfile2.txt  'task 1'   test.java   test.txt   test2.java   test2.txt   test3.java   test3.txt

Sarath chandra@LAPTOP-URC1S9L3 MINGW64 /c/cognizance (jack)
$
```



4. Git commit -a or m



5. Git clone

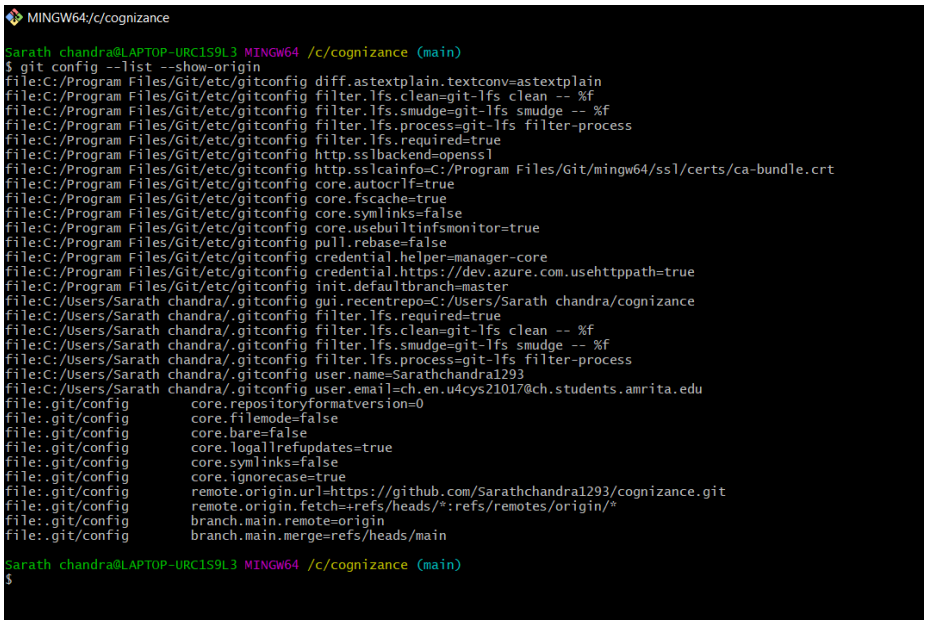
6. Git push

```
Sarath chandra@LAPTOP-URC1S9L3 MINGW64 /c/cognizance (main)
$ git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 362 bytes | 362.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Sarathchandra1293/cognizance.git
   f6a5d38..f8bb992  main -> main
```

7. Git pull

```
MINGW64:/c/cognizance

Sarath chandra@LAPTOP-URC1S9L3 MINGW64 /c/cognizance (main)
$ git pull
Already up to date.

Sarath chandra@LAPTOP-URC1S9L3 MINGW64 /c/cognizance (main)
$
```

8. Git fetch , git merge

```
MINGW64:/c/cognizance

Sarath chandra@LAPTOP-URC1S9L3 MINGW64 /c/cognizance (main)
$ git branch
  jack
* main

Sarath chandra@LAPTOP-URC1S9L3 MINGW64 /c/cognizance (main)
$ git fetch

Sarath chandra@LAPTOP-URC1S9L3 MINGW64 /c/cognizance (main)
$ git diff README.md

Sarath chandra@LAPTOP-URC1S9L3 MINGW64 /c/cognizance (main)
$ git diff --cached README.md

Sarath chandra@LAPTOP-URC1S9L3 MINGW64 /c/cognizance (main)
$ git diff main origin/main

Sarath chandra@LAPTOP-URC1S9L3 MINGW64 /c/cognizance (main)
$ ls
 README.md   cognizance/   myfile2.txt  'task 1'   test.java   test.txt   test2.java   test2.txt   test3.java   test3.txt

Sarath chandra@LAPTOP-URC1S9L3 MINGW64 /c/cognizance (main)
$ git merge
Already up to date.

Sarath chandra@LAPTOP-URC1S9L3 MINGW64 /c/cognizance (main)
$
```

9. Git config --list --show-origin