

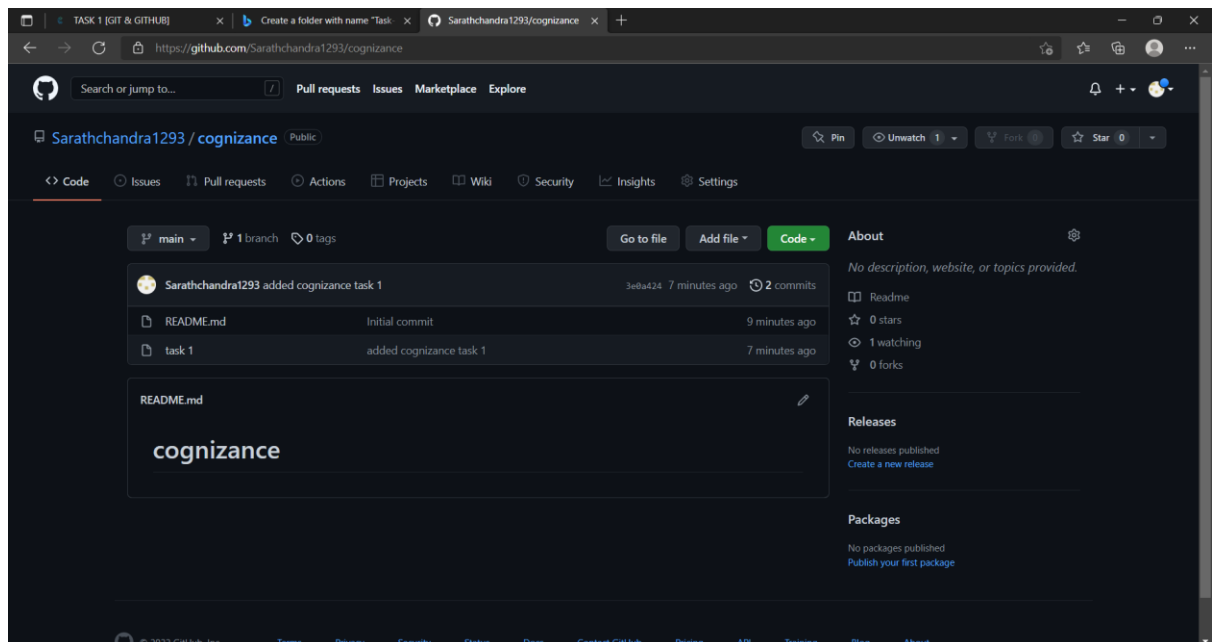
cognizance task -1

1. Creating repository

```
MINGW64/c/Users/Sarath chandra
Sarath chandra@LAPTOP-URC1S9L3 MINGW64 ~
$ mkdir cognizance

Sarath chandra@LAPTOP-URC1S9L3 MINGW64 ~
$ ls
3D Objects/      Favorites/      NTUSER.DAT{1c2b59c6-c5f5-11eb-bacb-000d3a96488e}.TMContainer00000000000000000001.regtrans-ms
AppData/         IntelGraphicsProfiles/
'Application Data'@  Links/         NTUSER.DAT{1c2b59c6-c5f5-11eb-bacb-000d3a96488e}.TM.b1f
Contacts/        'Local Settings'@
Cookies@         Music/         NTUSER.DAT{ab32c91e-4188-11ec-a2fd-7c10c990edbd}.TM.b1f
Desktop/         'My Documents'@
Documents/       NTUSER.DAT     NTUSER.DAT{ab32c91e-4188-11ec-a2fd-7c10c990edbd}.TMContainer00000000000000000001.regtrans-ms
Downloads/       NTUSER.DAT{1c2b59c6-c5f5-11eb-bacb-000d3a96488e}.TM.b1f
                  'OneDrive/
                  'OneDrive - Amrita Vishwa Vidyapeetham- Chennai Campus'/

Pictures/        Videos/
PrintHood@      'VirtualBox VMs'/
Recent@         'ansel/
'Saved Games'/  cognizance/
Searches/       ntuser.dat.LOG1
SendTo@         ntuser.dat.LOG2
'Start Menu'@   ntuser.ini
Templates@
```



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)

Sarth chandra@LAPTOP-URC159L3 MINGW64 /c/cognizance (main)
$ git add test.txt

Sarth chandra@LAPTOP-URC159L3 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

Sarth chandra@LAPTOP-URC159L3 MINGW64 /c/cognizance (main)
$ touch test2.txt

Sarth chandra@LAPTOP-URC159L3 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

Sarth chandra@LAPTOP-URC159L3 MINGW64 /c/cognizance (main)
$ git add test.java test2.txt

Sarth chandra@LAPTOP-URC159L3 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
```

```
Sarth chandra@LAPTOP-URC159L3 MINGW64 /c/cognizance (main)
$ git reset

Sarth chandra@LAPTOP-URC159L3 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)

Sarth chandra@LAPTOP-URC159L3 MINGW64 /c/cognizance (main)
$ git add *.java *.txt

Sarth chandra@LAPTOP-URC159L3 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

Sarth chandra@LAPTOP-URC159L3 MINGW64 /c/cognizance (main)
```

3. *Git checkout , checkout -b*

```
MINGW64/c/cognizance

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

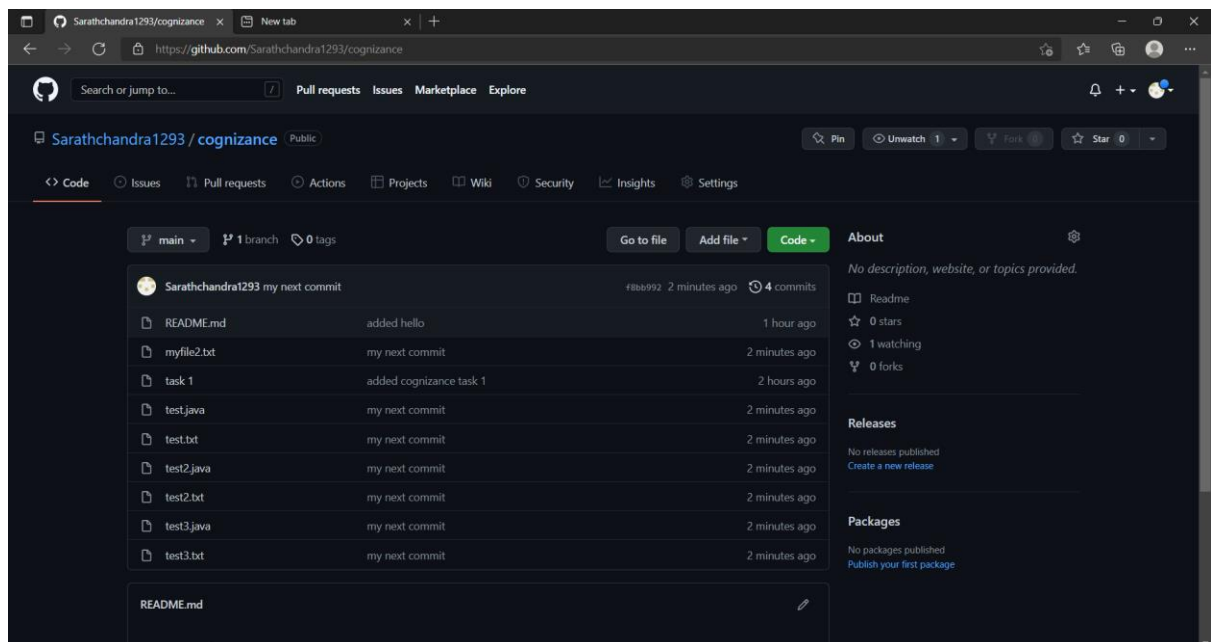
Sarth chandra@LAPTOP-URC1S9L3 MINGW64 /c/cognizance (main)
$ git checkout -b jack
Switched to a new branch 'jack'

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

Sarth chandra@LAPTOP-URC1S9L3 MINGW64 /c/cognizance (jack)
$ git clone https://github.com/Sarthchandra1293/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.

Sarth 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

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



4. *Git commit -a or m*

```
MINGW64/c/cognizance
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.txt
    test2.java
    test3.txt
    test3.java
    test3.txt

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

sarath chandra@LAPTOP-URC159L3 MINGW64 /c/cognizance (main)
$ git add -A

sarath chandra@LAPTOP-URC159L3 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-URC159L3 MINGW64 /c/cognizance (main)
$ git commit -m "my next commit"
[main feb0922] my next commit
7 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 myfile2.txt
create mode 100644 test.java
create mode 100644 test.txt
create mode 100644 test2.java
create mode 100644 test2.txt
create mode 100644 test3.java
create mode 100644 test3.txt

sarath chandra@LAPTOP-URC159L3 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..feb0922  main -> main
```

5. *Git clone*

```
MINGW64/c/cognizance

sarath chandra@LAPTOP-URC159L3 MINGW64 /
$ cd c:

sarath chandra@LAPTOP-URC159L3 MINGW64 /c
$ git clone https://github.com/Sarathchandra1293/cognizance.git
Cloning into 'cognizance'...
remote: Enumerating objects: 9, done.
remote: Counting objects: 100% (9/9), done.
remote: Compressing objects: 100% (5/5), done.
remote: Total 9 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (9/9), done.

sarath chandra@LAPTOP-URC159L3 MINGW64 /c
$ cd cognizance

sarath chandra@LAPTOP-URC159L3 MINGW64 /c/cognizance (main)
$ ls
README.md  'task 1'

sarath chandra@LAPTOP-URC159L3 MINGW64 /c/cognizance (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

sarath chandra@LAPTOP-URC159L3 MINGW64 /c/cognizance (main)
$ touch test.txt

sarath chandra@LAPTOP-URC159L3 MINGW64 /c/cognizance (main)
$ touch test.java

sarath chandra@LAPTOP-URC159L3 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)
    test.java
    test.txt

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

sarath chandra@LAPTOP-URC159L3 MINGW64 /c/cognizance (main)
$
```

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
Sarath chandra@LAPTOP-URC1S9L3 MINGW64 /c/cognizance (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*

```
MINGW64/c/cognizance
Sarth chandra@LAPTOP-URC159L3 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.symbols=false
file:C:/Program Files/Git/etc/gitconfig core.usebuiltinfsmonitor=true
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/Sarth chandra/.gitconfig gui.recentrepo=C:/Users/Sarth chandra/cognizance
file:C:/Users/Sarth chandra/.gitconfig filter.lfs.required=true
file:C:/Users/Sarth chandra/.gitconfig filter.lfs.clean=git-lfs clean -- %f
file:C:/Users/Sarth chandra/.gitconfig filter.lfs.smudge=git-lfs smudge -- %f
file:C:/Users/Sarth chandra/.gitconfig filter.lfs.process=git-lfs filter-process
file:C:/Users/Sarth chandra/.gitconfig user.name=Sarthchandra1293
file:C:/Users/Sarth chandra/.gitconfig user.email=ch.en.u4cys21017@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.symbols=false
file:.git/config core.ignorecase=true
file:.git/config remote.origin.url=https://github.com/Sarthchandra1293/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
Sarth chandra@LAPTOP-URC159L3 MINGW64 /c/cognizance (main)
$
```