

# COGNIZANCE

## TASK1[GIT & GITHUB]

Name : Pabbisetty Harshini

Group : CCE

### 1.CREATING A REPOSITORY

```
MINGW64/c/Users/Dell/cognizance
Dell@Harshini MINGW64 ~
$ mkdir Cognizance
mkdir: cannot create directory 'Cognizance': File exists
Dell@Harshini MINGW64 ~
$ mkdir Cognizance
Dell@Harshini MINGW64 ~
$ pwd
c:/Users/Dell
Dell@Harshini MINGW64 ~
$ cd cognizance\
Dell@Harshini MINGW64 ~/cognizance
$ ls
Dell@Harshini MINGW64 ~/cognizance
$ echo "# Cognizance" >> README.md
Dell@Harshini MINGW64 ~/cognizance
$ git init
Initialized empty Git repository in C:/Users/Dell/Cognizance/.git/
Dell@Harshini MINGW64 ~/cognizance (Harshini)
$ git add README.md
warning: LF will be replaced by CRLF in README.md.
The file will have its original line endings in your working directory
Dell@Harshini MINGW64 ~/cognizance (Harshini)
$ git commit -m "first commit"
[Harshini (root-commit) a507631] first commit
1 file changed, 1 insertion(+)
create mode 100644 README.md
Dell@Harshini MINGW64 ~/cognizance (Harshini)
$ git branch -M main
Dell@Harshini MINGW64 ~/cognizance (main)
$ git remote add origin https://github.com/Harshini217/Cognizance.git
Dell@Harshini MINGW64 ~/cognizance (main)
$ git push -u origin main
info: please complete authentication in your browser...
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 238 bytes | 238.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Harshini217/Cognizance.git
 * [new branch]    main -> main
branch 'main' set up to track 'origin/main'.
Dell@Harshini MINGW64 ~/cognizance (main)
$ git init
Reinitialized existing Git repository in C:/Users/Dell/Cognizance/.git/
Dell@Harshini MINGW64 ~/cognizance (main)
$ ls
EXVOTE.fprg EXweek.fprg README.md
```

### 2.git add

```
MINGW64/c/Users/Dell/cognizance
Dell@Harshini MINGW64 ~/cognizance (main)
$ ls
myfile.txt myfile2.txt README.md
Dell@Harshini MINGW64 ~/cognizance (main)
$ git add myfile.txt
Dell@Harshini 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:   myfile.txt

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

### 3.git status

```
MINGW64/c/Users/Dell/cognizance
myfile.txt myfile2.txt README.md test.java.txt

Dell@Harshini MINGW64 ~/cognizance (main)
$ git add test.java.txt

Dell@Harshini 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:   myfile.txt
        new file:   myfile2.txt
        new file:   test.java.txt

Dell@Harshini MINGW64 ~/cognizance (main)
$ git commit -m "my next commit"
[main fcdcb6b] my next commit
3 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 myfile.txt
create mode 100644 myfile2.txt
create mode 100644 test.java.txt
```

### 4.git commit

```
MINGW64/c/Users/Dell/cognizance
myfile.txt myfile2.txt README.md test.java.txt

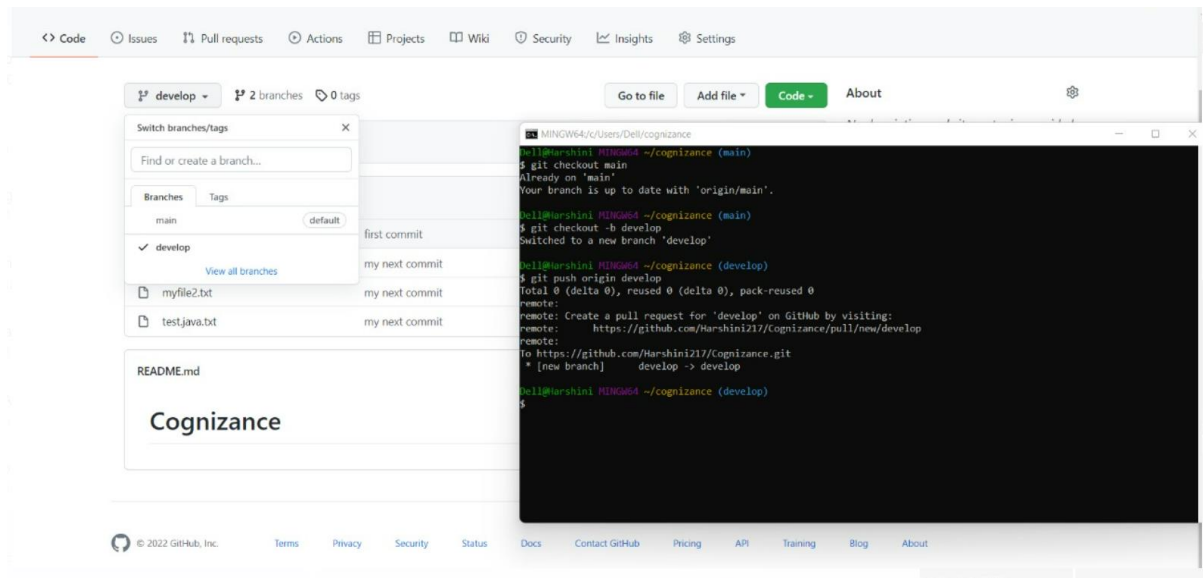
Dell@Harshini MINGW64 ~/cognizance (main)
$ git add test.java.txt

Dell@Harshini MINGW64 ~/cognizance (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

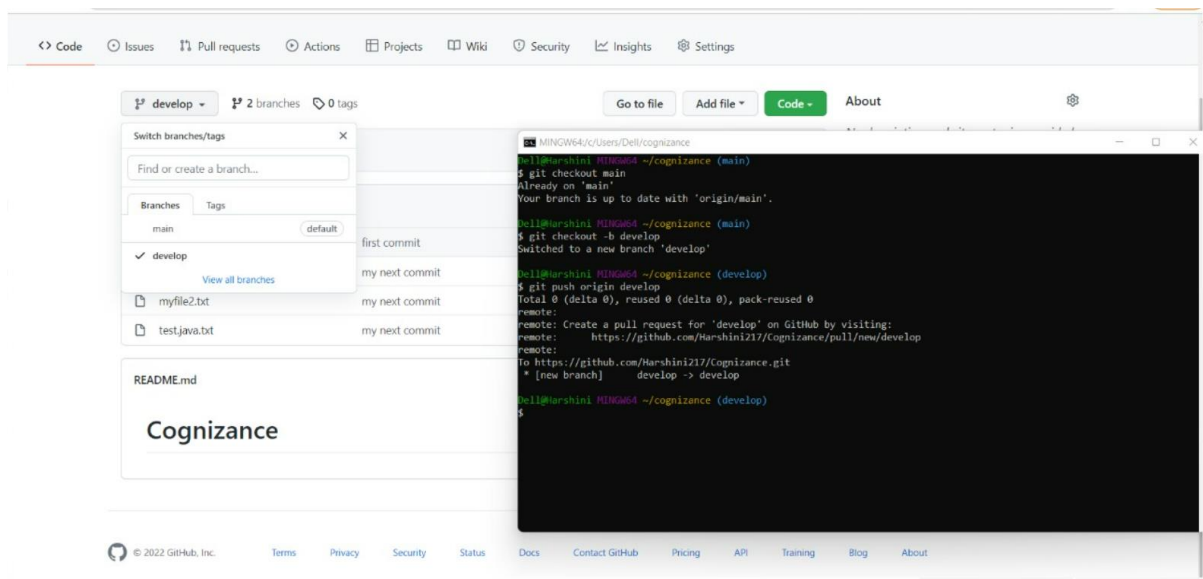
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   myfile.txt
        new file:   myfile2.txt
        new file:   test.java.txt

Dell@Harshini MINGW64 ~/cognizance (main)
$ git commit -m "my next commit"
[main fcdcb6b] my next commit
3 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 myfile.txt
create mode 100644 myfile2.txt
create mode 100644 test.java.txt
```

## 5.git checkout



## 6.git checkout -b



## 7.git clone

```
$ git clone https://github.com/Rishika0004/cognizance.git
Cloning into 'cognizance'...
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 5 (delta 1), reused 5 (delta 1), pack-reused 0
Receiving objects: 100% (5/5), done.
Resolving deltas: 100% (1/1), done.
```

## 8.git commit -a

```
MINGW64/c/Users/Dell/cognizance

Cognizance/

Dell@Harshini MINGW64 ~/cognizance (develop)
$ git commit -m "my first commit from local machine"
[develop 11e2496] my first commit from local machine
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 myfile3.txt

Dell@Harshini MINGW64 ~/cognizance (develop)
$ git push origin develop
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 264 bytes | 264.00 KiB/s, done.
Total 2 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/Harshini217/Cognizance.git
 fdc9b6b..11e2496  develop -> develop

Dell@Harshini MINGW64 ~/cognizance (develop)
$ 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)
```

## 9.git push

The screenshot shows the GitHub web interface for the repository 'Harshini217 / Cognizance'. The main view displays the 'main' branch with a file 'myfile2.txt' that has been updated. A terminal window is overlaid on the right side of the page, showing the following commands and output:

```
MINGW64/c/Users/Dell/cognizance

Dell@Harshini MINGW64 ~/cognizance (main)
$ git push origin develop
Everything up-to-date

Dell@Harshini MINGW64 ~/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)
  cognizance/

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

Dell@Harshini MINGW64 ~/cognizance (main)
$ git add myfile2.txt

Dell@Harshini MINGW64 ~/cognizance (main)
$ git commit -m "updated file 2"
[main 2f1e249] updated file 2
1 file changed, 1 insertion(+), 1 deletion(-)

Dell@Harshini MINGW64 ~/cognizance (main)
$ git push origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 264 bytes | 264.00 KiB/s, done.
Total 2 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/Harshini217/Cognizance.git
 2f1e249..2f1e249  main -> main
```

## git config --list --show-origin

```
Dell@Harshini MINGW64 ~/task1 (develop)
$ 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=true
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=main
file:C:/Users/Dell/.gitconfig user.name=Harshini217
file:C:/Users/Dell/.gitconfig user.email=ch.en.u4cce21039@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.symlinks=false
file:.git/config core.ignorecase=true
file:.git/config remote.origin.url=https://github.com/Harshini217/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
file:.git/config branch.main.remote=origin
file:.git/config branch.main.merge=refs/heads/develop
file:.git/config branch.main.merge=refs/heads/main
```