

## 1. CREATING A REPOSITORY

```
JAHNAVI@DESKTOP-MIM3GMH MINGW64 ~ (master)
$ cd cognizance
JAHNAVI@DESKTOP-MIM3GMH MINGW64 ~/cognizance (master)
$ git add myfile_1.txt
JAHNAVI@DESKTOP-MIM3GMH MINGW64 ~/cognizance (master)
$ git add myfile_2.txt text.java.txt
JAHNAVI@DESKTOP-MIM3GMH MINGW64 ~/cognizance (master)
$ git status
on branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   myfile_1.txt
        new file:   myfile_2.txt
        new file:   text.java.txt
```

## 2. GIT ADD

The screenshot displays a Windows File Explorer window for the 'cognizance' folder. The folder contains four files: 'myfile\_1', 'myfile\_2', 'myfile\_3', and 'text.java', all of which are text documents. Below the file explorer, the GitHub repository page for 'JAHNAVIDINGARI / cognizance' is shown. The repository is public and has 2 commits. The commit history table lists the following files and their commit messages:

File	Commit Message	Time
myfile_1.txt	my first commit	1 hour ago
myfile_2.txt	my first commit	1 hour ago
myfile_3.txt	my first commit from pc	1 hour ago
text.java.txt	my first commit	1 hour ago

The repository page also shows a button to 'Add a README' and sections for 'Releases' and 'Packages'.

```
JAHNAVI@DESKTOP-MIM3GMH MINGW64 ~/cognizance (master)
$ git add myfile_2.txt text.java.txt
```

### 3. GIT STATUS

```
JAHNAVI DINGARI@DESKTOP-MIM3GMH MINGW64 ~/cognizance (master)
$ git status
On branch master
No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   myfile_1.txt
        new file:   myfile_2.txt
        new file:   text.java.txt
```

### 4. GIT COMMIT

```
JAHNAVI DINGARI@DESKTOP-MIM3GMH MINGW64 ~/cognizance (master)
$ git commit -m "my first commit"
[master (root-commit) 4f0dc34] my first commit
3 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 myfile_1.txt
create mode 100644 myfile_2.txt
create mode 100644 text.java.txt
```

### 5. GIT CHECKOUT-b

```
JAHNAVI DINGARI@DESKTOP-MIM3GMH MINGW64 ~/cognizance (main)
$ git checkout -b georgepool
Switched to a new branch 'georgepool'
```

### 6. Git CHEKOUT

```
JAHNAVI DINGARI@DESKTOP-MIM3GMH MINGW64 ~/cognizance (georgepool)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
```

### 7. Git clone

```
JAHNAVI DINGARI@DESKTOP-MIM3GMH MINGW64 ~/cognizance (main)
$ git clone https://github.com/likhi-23/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 2), reused 4 (delta 1), pack-reused 0
Receiving objects: 100% (5/5), done.
Resolving deltas: 100% (2/2), done.
```

### 8. Git commit-a

```
JAHNAVI DINGARI@DESKTOP-MIM3GMH MINGW64 ~/cognizance (main)
$ git commit -m "my frst commit from pc"
[main c8692fa] my frst commit from pc
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 myfile_3.txt
```

### 9. Git push

```
JAHNAVI DINGARI@DESKTOP-MIM3GMH MINGW64 ~/cognizance (main)
$ git push
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), 258 bytes | 258.00 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/JAHNAVIDINGARI/cognizance.git
 4f0dc34..c8692fa  main -> main
```

#### 10. Git merge

```
JAHNAVI DINGARI@DESKTOP-MIM3GMH MINGW64 ~/cognizance (main)
$ git merge
Already up to date.
```

#### 11. Git reset

```
JAHNAVI DINGARI@DESKTOP-MIM3GMH MINGW64 ~/cognizance (main)
$ git log --oneline
c8692fa (HEAD -> main, origin/main) my frst commit from pc
4f0dc34 (georgepool) my first commit
```

#### 12.git pull

```
JAHNAVI DINGARI@DESKTOP-MIM3GMH MINGW64 ~/cognizance (main)
$ git pull
Already up to date.
```

#### 13. Git config-list-show-origin

```

JAHNAVI DINGARI@DESKTOP-MIM3GMH 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.usehttppath=true
file:C:/Program Files/Git/etc/gitconfig init.defaultbranch=master
file:C:/Users/JAHNAVI DINGARI/.gitconfig filter.lfs.clean=git-lfs clean -- %f
file:C:/Users/JAHNAVI DINGARI/.gitconfig filter.lfs.smudge=git-lfs smudge -- %f
file:C:/Users/JAHNAVI DINGARI/.gitconfig filter.lfs.process=git-lfs filter-process
file:C:/Users/JAHNAVI DINGARI/.gitconfig filter.lfs.required=true
file:C:/Users/JAHNAVI DINGARI/.gitconfig user.email=jahnavidingari04@gmail.com
file:C:/Users/JAHNAVI DINGARI/.gitconfig user.name=JAHNAVI DINGARI
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/JAHNAVIDINGARI/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

```

#### 14.git fetch

```

JAHNAVI DINGARI@DESKTOP-MIM3GMH MINGW64 ~/cognizance (main)
$ git fetch https://github.com/JAHNAVIDINGARI/cognizance.git
From https://github.com/JAHNAVIDINGARI/cognizance
* branch          HEAD          -> FETCH_HEAD

```

#### 15.git merge

```

JAHNAVI DINGARI@DESKTOP-MIM3GMH MINGW64 ~/cognizance (main)
$ git merge main
Already up to date.

```

#### 16.git rebase

```

JAHNAVI DINGARI@DESKTOP-MIM3GMH MINGW64 ~/cognizance (main)
$ git rebase main
Current branch main is up to date.

```