```
chvij@DESKTOP-U1LVNB9 MINGW64 ~/OneDrive/Desktop/desktop/test (master)
$ git init
Reinitialized existing Git repository in C:/Users/chvij/OneDrive/Desktop/desktop
/test/.git/

chvij@DESKTOP-U1LVNB9 MINGW64 ~/OneDrive/Desktop/desktop/test (master)
$ 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

chvij@DESKTOP-U1LVNB9 MINGW64 ~/OneDrive/Desktop/desktop/test (master)
$ git commit -m "first commit"
[master (root-commit) 2fa69ff] first commit
 1 file changed, 1 insertion(+)
 create mode 100644 README.md

chvij@DESKTOP-U1LVNB9 MINGW64 ~/OneDrive/Desktop/desktop/test (master)
$ git branch -M main

chvij@DESKTOP-U1LVNB9 MINGW64 ~/OneDrive/Desktop/desktop/test (main)
$ git remote add origin https://github.com/vijaypandu0577/Cognizance.git
error: remote origin already exists.

chvij@DESKTOP-U1LVNB9 MINGW64 ~/OneDrive/Desktop/desktop/test (main)
$ git push -u origin main
To https://github.com/vijaypandu0577/Cognizance.git
 ! [rejected]        main -> main (fetch first)
error: failed to push some refs to 'https://github.com/vijaypandu0577/Cognizance
.git'
hint: Updates were rejected because the remote contains work that you do
hint: not have locally. This is usually caused by another repository pushing
hint: to the same ref. You may want to first integrate the remote changes
hint: (e.g., 'git pull ...') before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
```

Git add

```
chvij@DESKTOP-U1LVNB9 MINGW64 ~/OneDrive/Desktop/cognizance (main)
$ touch file

chvij@DESKTOP-U1LVNB9 MINGW64 ~/OneDrive/Desktop/cognizance (main)
$ git add .
```

Git branch

```
chvij@DESKTOP-U1LVNB9 MINGW64 ~/OneDrive/Desktop/cognizance (main)
$ git branch
* main

chvij@DESKTOP-U1LVNB9 MINGW64 ~/OneDrive/Desktop/cognizance (main)
$ git branch branch_1
```

```
chvij@DESKTOP-U1LVNB9 MINGW64 ~/OneDrive/Desktop/cognizance (branch_2)
$ git branch -d branch_1
Deleted branch branch_1 (was 9e3fda3).
```

Git checkout

```
chvij@DESKTOP-U1LVNB9 MINGW64 ~/OneDrive/Desktop/cognizance (main)
$ git branch branch_2

chvij@DESKTOP-U1LVNB9 MINGW64 ~/OneDrive/Desktop/cognizance (main)
$ git checkout branch_2
Switched to branch 'branch_2'
A       file
```

Git checkout -b

```
chvij@DESKTOP-U1LVNB9 MINGW64 ~/OneDrive/Desktop/cognizance (branch_2)
$ git  checkout -b branch_3
Switched to a new branch 'branch_3'
```

Git clone

```
chvij@DESKTOP-U1LVNB9 MINGW64 ~/OneDrive/Desktop/cognizance (branch_2)
$ git clone https://github.com/vijaypandu0577/Cognizance
Cloning into 'Cognizance'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.
```

Git commit

```
chvij@DESKTOP-U1LVNB9 MINGW64 ~/OneDrive/Desktop/cognizance (branch_3)
$ git commit -m "first commit"
[branch_3 e7c4b91] first commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 file
```

Git commit-a

Git fetch

```
chvij@DESKTOP-U1LVNB9 MINGW64 ~/OneDrive/Desktop/cognizance (branch_3)
$ git fetch https://github.com/vijaypandu0577/Cognizance
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 600 bytes | 40.00 KiB/s, done.
From https://github.com/vijaypandu0577/Cognizance
 * branch            HEAD         -> FETCH_HEAD
```

Git merge

```
chvij@DESKTOP-U1LVNB9 MINGW64 ~/OneDrive/Desktop/cognizance (branch_3)
$ git merge branch_2
Already up to date.
```

Git pull

```
chvij@DESKTOP-U1LVNB9 MINGW64 ~/OneDrive/Desktop/cognizance (branch_3)
$ git pull https://github.com/vijaypandu0577/Cognizance
From https://github.com/vijaypandu0577/Cognizance
 * branch            HEAD         -> FETCH_HEAD
fatal: refusing to merge unrelated histories
```

Git rebase

```
chvij@DESKTOP-U1LVNB9 MINGW64 ~/OneDrive/Desktop/cognizance (branch_3)
$ git rebase main
Current branch branch_3 is up to date.
```

Git status

```
chvij@DESKTOP-U1LVNB9 MINGW64 ~/OneDrive/Desktop/cognizance (branch_3)
$ git status
On branch branch_3
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        Cognizance/
```

SCREEN SHOT OF THE LINK: git config --list --show-origin

```
chvij@DESKTOP-U1LVNB9 MINGW64 ~/OneDrive/Desktop/cognizance (branch_3)
$ 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-proces
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/ming
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
file:C:/Program Files/Git/etc/gitconfig init.defaultbranch=master
file:C:/Users/chvij/.gitconfig  user.name=vijaypandu0577
file:C:/Users/chvij/.gitconfig  user.email=chvijayapandurangareddy@gmail.com
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/vijaypandu0577/Cogn
file:.git/config         remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
```