

## Git add

```
pawon@LAPTOP-9H3J0UIB MINGW64 ~/cogizance (main)
$ touch file

pawon@LAPTOP-9H3J0UIB MINGW64 ~/cogizance (main)
$ git add.
git: 'add.' is not a git command. See 'git --help'.

The most similar command is
    add

pawon@LAPTOP-9H3J0UIB MINGW64 ~/cogizance (main)
$ git add .
```

## Git branch

```
pawon@LAPTOP-9H3J0UIB MINGW64 ~/cogizance (main)
$ git branch
* main

pawon@LAPTOP-9H3J0UIB MINGW64 ~/cogizance (main)
$ git branch branch_1
```

## Git checkout

```
pawon@LAPTOP-9H3J0UIB MINGW64 ~/cogizance (main)
$ git branch branch_2

pawon@LAPTOP-9H3J0UIB MINGW64 ~/cogizance (main)
$ git checkout branch_2
Switched to branch 'branch_2'
A      cogizance/file
```

## Git checkout -b

```
pawon@LAPTOP-9H3J0UIB MINGW64 ~/cogizance (branch_2)
$ git checkout -b branch_3
Switched to a new branch 'branch_3'

pawon@LAPTOP-9H3J0UIB MINGW64 ~/cogizance (branch_3)
$
```

## Git clone

```
pawon@LAPTOP-9H3J0UIB MINGW64 ~/cogizance (main)
$ git clone https://github.com/pawon002/cognizance.git
Cloning into 'cognizance'...
remote: Repository not found.
fatal: repository 'https://github.com/pawon002/cognizance.git/' not found
```

## Git commit

```
pawon@LAPTOP-9H3J0UIB MINGW64 ~/cogizance (main)
$ git commit -m "frist commit"
[main d83d0df] frist commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 cogizance/file
```

## Git commit-a

```
pawon@LAPTOP-9H3J0UIB MINGW64 ~/cogizance (main)
$ git commit -a
warning: could not open directory 'Application Data/': Permission denied
warning: could not open directory 'Cookies/': Permission denied
warning: could not open directory 'Documents/My Music/': Permission denied
warning: could not open directory 'Documents/My Pictures/': Permission denied
warning: could not open directory 'Documents/My Videos/': Permission denied
warning: could not open directory 'Local Settings/': Permission denied
warning: could not open directory 'My Documents/': Permission denied
warning: could not open directory 'NetHood/': Permission denied
warning: could not open directory 'PrintHood/': Permission denied
warning: could not open directory 'Recent/': Permission denied
warning: could not open directory 'SendTo/': Permission denied
warning: could not open directory 'Start Menu/': Permission denied
warning: could not open directory 'Templates/': Permission denied
warning: could not open directory 'Application Data/': Permission denied
warning: could not open directory 'Cookies/': Permission denied
warning: could not open directory 'Documents/My Music/': Permission denied
warning: could not open directory 'Documents/My Pictures/': Permission denied
warning: could not open directory 'Documents/My Videos/': Permission denied
warning: could not open directory 'Local Settings/': Permission denied
warning: could not open directory 'My Documents/': Permission denied
warning: could not open directory 'NetHood/': Permission denied
warning: could not open directory 'PrintHood/': Permission denied
warning: could not open directory 'Recent/': Permission denied
warning: could not open directory 'SendTo/': Permission denied
warning: could not open directory 'Start Menu/': Permission denied
warning: could not open directory 'Templates/': Permission denied
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

Untracked files:
  (use "git add <file>..." to include in what will be committed)
  ../-1.14-windows.xml
  ../Ld2VirtualBox/
  ../VirtualBox/
  ../bash_history
  ../gitconfig
  ../lessht
  ../3D Objects/
  ../AppData/
  ../Contacts/
  ../Downloads/
  ../Dropbox/
  ../Favorites/
  ../IntelGraphicsProfiles/
  ../Links/
  ../Music/
  ../NTUSER.DAT
  ../NTUSER.DAT{1c2b59c6-c5f5-11eb-bacb-000d3a96488e}.TM.b1f
  ../NTUSER.DAT{1c2b59c6-c5f5-11eb-bacb-000d3a96488e}.TMContainer00000000000000000001.regtrans-ms
  ../NTUSER.DAT{1c2b59c6-c5f5-11eb-bacb-000d3a96488e}.TMContainer00000000000000000002.regtrans-ms
  ../OneDrive/
  ../Saved Games/
  ../Searches/
  ../Tracing/
  ../Videos/
  ../VirtualBox VMs/
  ../ntuser.dat.LOG1
  ../ntuser.dat.LOG2
  ../ntuser.ini

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

## Git fetch

```
pawon@LAPTOP-9H3J0UIB MINGW64 ~/cogizance (main)
$ git fetch https://github.com/pawon002/cogizance
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 628 bytes | 89.00 KiB/s, done.
From https://github.com/pawon002/cogizance
* branch          HEAD          -> FETCH_HEAD
```

## Git merge

```
pawon@LAPTOP-9H3J0UIB MINGW64 ~/cognizance (main)
$ git merge branch_2
Already up to date.
```

## Git pul

```
pawon@LAPTOP-9H3J0UIB MINGW64 ~/cognizance (main)
$ git pull https://github.com/pawon002/cognizance.git
From https://github.com/pawon002/cognizance
 * branch      HEAD      -> FETCH_HEAD
Already up to date.
```

## Git push

```
pawon@LAPTOP-9H3J0UIB MINGW64 ~/cognizance (main)
$ git push -u origin main
Enumerating objects: 8, done.
Counting objects: 100% (8/8), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (6/6), 608 bytes | 608.00 KiB/s, done.
Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/pawon002/cognizance.git
   0d5001c..95de46a  main -> main
branch 'main' set up to track 'origin/main'.
```

## Git reset

```
pawon@LAPTOP-9H3J0UIB MINGW64 ~/cognizance (main)
$ git reset file
```

## Git rebase

```
pawon@LAPTOP-9H3J0UIB MINGW64 ~/cognizance (main)
$ git rebase main
Current branch main is up to date.
```

## Git status

```
pawon@LAPTOP-9H3J0UIB MINGW64 ~/cognizance (main)
$ git status
warning: could not open directory 'Application Data/': Permission denied
warning: could not open directory 'Cookies/': Permission denied
warning: could not open directory 'Documents/My Music/': Permission denied
warning: could not open directory 'Documents/My Pictures/': Permission denied
warning: could not open directory 'Documents/My Videos/': Permission denied
warning: could not open directory 'Local Settings/': Permission denied
warning: could not open directory 'My Documents/': Permission denied
warning: could not open directory 'NetHood/': Permission denied
warning: could not open directory 'PrintHood/': Permission denied
warning: could not open directory 'Recent/': Permission denied
warning: could not open directory 'SendTo/': Permission denied
warning: could not open directory 'Start Menu/': Permission denied
warning: could not open directory 'Templates/': Permission denied
On branch main
Your branch is up to date with 'origin/main'.
```

Git config --list --show-origin

```
pawon@LAPTOP-9H3J0UIB MINGW64 ~ (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=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/pawon/.gitconfig user.name=pawon002
file:C:/Users/pawon/.gitconfig user.email=pawonnimmagadda356@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.ignorecase=true
file:.git/config remote.origin.url=https://github.com/pawon002/cogizance.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
```