

Git add

```
Rohan@LAPTOP-VP10H3QQ MINGW64 ~/Cognizance (master)
$ touch file

Rohan@LAPTOP-VP10H3QQ MINGW64 ~/Cognizance (master)
$ git add .
```

Git branch

```
Rohan@LAPTOP-VP10H3QQ MINGW64 ~/Cognizance (main)
$ git branch
* main

Rohan@LAPTOP-VP10H3QQ MINGW64 ~/Cognizance (main)
$ git branch branch_1
```

```
Rohan@LAPTOP-VP10H3QQ MINGW64 ~/Cognizance (main)
$ git branch -d branch_1
Deleted branch branch_1 (was e4cb43d).
```

Git checkout

```
Rohan@LAPTOP-VP10H3QQ MINGW64 ~/Cognizance (main)
$ git branch branch_2

Rohan@LAPTOP-VP10H3QQ MINGW64 ~/Cognizance (main)
$ git checkout branch_2
Switched to branch 'branch_2'
A   Cognizance
```

Git checkout -b

```
Rohan@LAPTOP-VP10H3QQ MINGW64 ~/Cognizance (branch_2)
$ git checkout -b branch_3
Switched to a new branch 'branch_3'
```

Git clone

```
Rohan@LAPTOP-VP10H3QQ MINGW64 ~/Cognizance (main)
$ git clone https://github.com/rohan9446/Cognizance.git
Cloning into 'Cognizance'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.
```

Git commit

```
rohan@LAPTOP-VP10H3QQ MINGW64 ~/Cognizance (master)
$ git commit -m "first commit"
[master (root-commit) e4cb43d] first commit
1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 file
```

Git commit -a

```
Rohan@LAPTOP-VP10H3QQ MINGW64 ~/Cognizance (main)
$ git commit -a
Aborting commit due to empty commit message.
```

```
# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
#
# On branch main
# Your branch is up to date with 'origin/main'.
#
# Changes to be committed:
#   new file:   Cognizance
#
~
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```

Git fetch

```
Rohan@LAPTOP-VP10H3QQ MINGW64 ~/Cognizance (main)
$ git fetch https://github.com/rohan9446/Cognizance.git
From https://github.com/rohan9446/Cognizance
* branch                HEAD      -> FETCH_HEAD
```

Git merge

```
Rohan@LAPTOP-VP10H3QQ MINGW64 ~/Cognizance (branch_3)
$ git merge branch_2
Already up to date.
```

Git pull

```
Rohan@LAPTOP-VP10H3QQ MINGW64 ~/Cognizance (main)
$ git pull https://github.com/rohan9446/Cognizance.git
From https://github.com/rohan9446/Cognizance
 * branch      HEAD      -> FETCH_HEAD
Already up to date.
```

Git push

```
Rohan@LAPTOP-VP10H3QQ MINGW64 ~/Cognizance (main)
$ git push -u origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 209 bytes | 209.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/rohan9446/Cognizance.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
```

```
Rohan@LAPTOP-VP10H3QQ MINGW64 ~/Cognizance (main)
$ git push origin main
Everything up-to-date
```

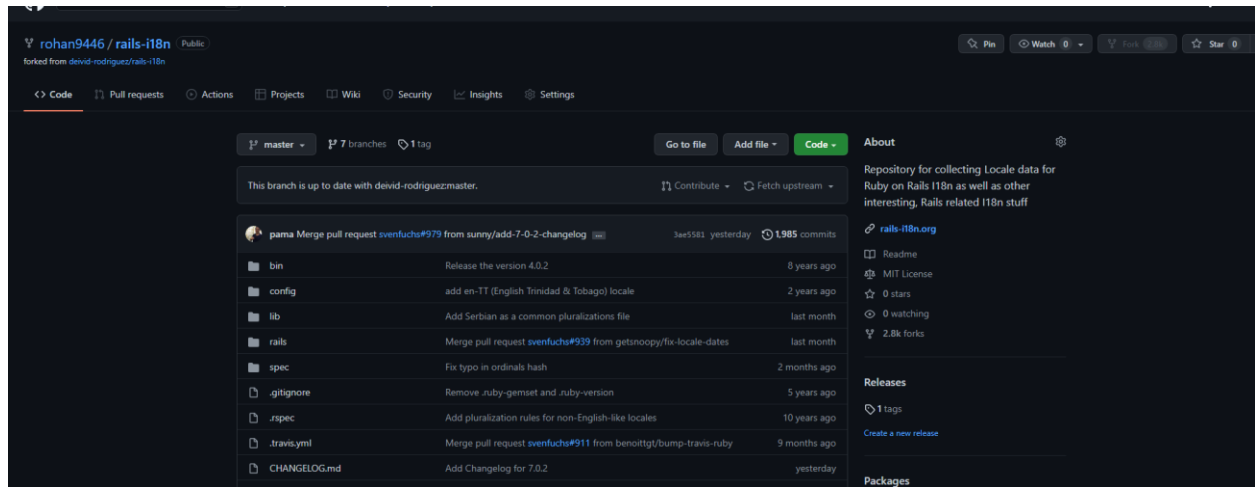
Git reset

```
Rohan@LAPTOP-VP10H3QQ MINGW64 ~/Cognizance (main)
$ git reset file1
```

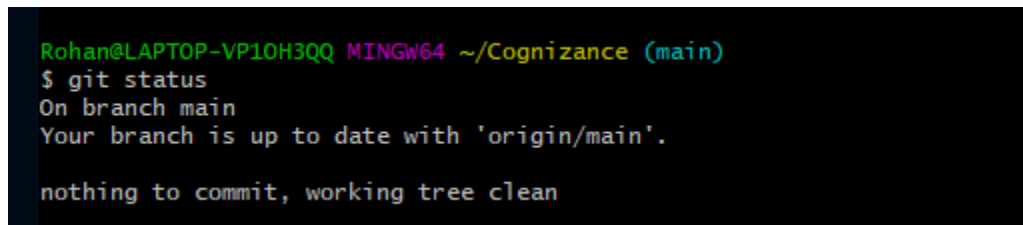
Git rebase

```
Rohan@LAPTOP-VP10H3QQ MINGW64 ~/Cognizance (main)
$ git rebase main
Current branch main is up to date.
```

Git fork



Git status



3. git config --list --show-origin

```
Rohan@LAPTOP-VP10H3QQ MINGW64 ~  
$ 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.usehttppat  
h=true  
file:C:/Program Files/Git/etc/gitconfig init.defaultbranch=master  
file:C:/Users/Rohan/.gitconfig user.name=rohan9446  
file:C:/Users/Rohan/.gitconfig user.email=rohanbandaru14838@gmail.com  
  
Rohan@LAPTOP-VP10H3QQ MINGW64 ~  
$ |
```