Git add

```
nikef@Gopi MINGW64 ~/desktop/cognizance/task1 (master)
$ git add file1.txt
```

Git status

```
nikef@Gopi MINGW64 ~/desktop/cognizance/task1 (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   file1.txt
```

Git commit

```
nikef@Gopi MINGW64 ~/desktop/cognizance/task1 (master)
$ git commit file1.txt
[master (root-commit) 2973d54] edit 1 in master branch
 1 file changed, 1 insertion(+)
 create mode 100644 task1/file1.txt
```

Git commit -a

```
nikef@Gopi MINGW64 ~/desktop/cognizance/task1 (master)
$ git commit -a
[master 9f97c21] second edit in master branch
 1 file changed, 1 insertion(+), 1 deletion(-)
```

Git checkout

```
nikef@Gopi MINGW64 ~/desktop/cognizance/task1 (master)
$ git checkout student
Switched to branch 'student'
```

Git checkout -b

```
nikef@Gopi MINGW64 ~/desktop/cognizance/task1 (master)
$ git checkout -b student1
Switched to a new branch 'student1'

nikef@Gopi MINGW64 ~/desktop/cognizance/task1 (student1)
```

Git merge

```
nikef@Gopi MINGW64 ~/desktop/cognizance/task1 (master)
$ git merge student
Updating 9f97c21..4de318c
Fast-forward
 task1/file1.txt | 2 +-
 1 file changed, 1 insertion(+), 1 deletion(-)
```

Git clone

```
nikef@Gopi MINGW64 ~/desktop/github
$ git clone https://github.com/microsoft/calculator
Cloning into 'calculator'...
remote: Enumerating objects: 12204, done.
remote: Counting objects: 100% (273/273), done.
remote: Compressing objects: 100% (183/183), done.
remote: Total 12204 (delta 127), reused 186 (delta 90), pack-reused 11931
Receiving objects: 100% (12204/12204), 34.48 MiB | 1.93 MiB/s, done.
Resolving deltas: 100% (8429/8429), done.
```

Git push

```
nikef@Gopi MINGW64 ~/desktop/cognizance (master)
$ git push origin master
Enumerating objects: 16, done.
Counting objects: 100% (16/16), done.
Delta compression using up to 8 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (16/16), 1.20 KiB | 1.20 MiB/s, done.
Total 16 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Gopi234/cognizance.git
 * [new branch]      master -> master

nikef@Gopi MINGW64 ~/desktop/cognizance (master)
$ git push origin student
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'student' on GitHub by visiting:
remote:      https://github.com/Gopi234/cognizance/pull/new/student
remote:
To https://github.com/Gopi234/cognizance.git
 * [new branch]      student -> student
```

Git fetch

```
nikef@Gopi MINGW64 ~/desktop/cognizance (master)
$ git fetch origin master
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (4/4), 751 bytes | 31.00 KiB/s, done.
From https://github.com/Gopi234/cognizance
 * branch          master     -> FETCH_HEAD
   f534f0c..9876a78  master     -> origin/master
```

Git pull

```
nikef@Gopi MINGW64 ~/desktop/cognizance (master)
$ git pull origin master
From https://github.com/Gopi234/cognizance
 * branch          master     -> FETCH_HEAD
Updating f534f0c..eade717
Fast-forward
 task1/fetch.txt | 1 +
 task1/pull.txt  | 1 +
 2 files changed, 2 insertions(+)
 create mode 100644 task1/fetch.txt
 create mode 100644 task1/pull.txt
```

```
nikef@Gopi MINGW64 ~/desktop/cognizance (master)
$ git config --list --show-origin

file:P:/Git/etc/gitconfig        diff.astextplain.textconv=astextplain
file:P:/Git/etc/gitconfig        filter.lfs.clean=git-lfs clean -- %f
file:P:/Git/etc/gitconfig        filter.lfs.smudge=git-lfs smudge -- %f
file:P:/Git/etc/gitconfig        filter.lfs.process=git-lfs filter-process
file:P:/Git/etc/gitconfig        filter.lfs.required=true
file:P:/Git/etc/gitconfig        http.sslbackend=openssl
file:P:/Git/etc/gitconfig        http.sslcainfo=P:/Git/mingw64/ssl/certs/ca-bundle.crt
file:P:/Git/etc/gitconfig        core.autocrlf=true
file:P:/Git/etc/gitconfig        core.fscache=true
file:P:/Git/etc/gitconfig        core.symlinks=false
file:P:/Git/etc/gitconfig        pull.rebase=false
file:P:/Git/etc/gitconfig        credential.helper=manager-core
file:P:/Git/etc/gitconfig        credential.https://dev.azure.com.usehttppath=true
file:P:/Git/etc/gitconfig        init.defaultbranch=master
file:C:/Users/nikef/.gitconfig   core.editor=code --wait
file:C:/Users/nikef/.gitconfig   user.name=Gopi
file:C:/Users/nikef/.gitconfig   user.email=nikefossil020304@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/Gopi234/cognizance.git
file:.git/config       remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
```

Git rebase

```
nikef@Gopi MINGW64 ~/desktop/cognizance (master)
$ git rebase student
Current branch master is up to date.
```