

COGNIZANCE

Task 1

1. Creating a repository

```
HP@LAPTOP-E701AI7V MINGW64 ~ (master)
$ mkdir cognizance

HP@LAPTOP-E701AI7V MINGW64 ~ (master)
$ cd cognizance
bash: cd: cognizance: No such file or directory

HP@LAPTOP-E701AI7V MINGW64 ~ (master)
$ mkdir cognizance

HP@LAPTOP-E701AI7V MINGW64 ~ (master)
$ cd cognizance

HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$ git init
Initialized empty Git repository in C:/Users/HP/cognizance/.git/

HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$ ls

HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$ git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)
```

```
HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$ git config --global user.name "Navaneeth P"

HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$ git config --global user.email "nivinvinod1236@gmail.com"

HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$ git remote add origin https://github.com/Navaneethvinodp/cognizance.git
```

2. Git add

```
HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$ touch task1

HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$ git add task1

HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$ git ls-files
task1

HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
```

3. Git checkout

```
HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$ git checkout
A      cognizance
A      reset
Your branch is ahead of 'origin/master' by 2 commits.
  (use "git push" to publish your local commits)

HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$ |
```

4. Git checkout -b

```
HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (main)
$ git checkout master
Switched to branch 'master'
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)
```

5. Git clone

```
HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$ git clone https://github.com/Navaneethvinodp/cognizance.git
Cloning into 'cognizance'...
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 6 (delta 0), reused 3 (delta 0), pack-reused 0
Receiving objects: 100% (6/6), done.
```

6. Git commit

```

HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$ git commit -m "task1 "
[master (root-commit) 84c6564] task1
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 task1

HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$ git push -u origin master

```

7. Git merge

```

HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$ git merge main
Updating 84c6564..150130b
Fast-forward
 GithubIntro | 1 +
 1 file changed, 1 insertion(+)
 create mode 160000 GithubIntro

HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)

```

8. Git push

```

HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$ git push -u origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 211 bytes | 70.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:   https://github.com/Navaneethvinodp/cognizance/pull/new/master
remote:
To https://github.com/Navaneethvinodp/cognizance.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.

HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)

```

9. Git reset

```

P@LAPTOP-E701AI7V MINGW64 ~ (master)
$ cd cognizance

P@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$ touch reset

P@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$ git add reset

P@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$ git reset --mixed

P@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$ git status
On branch master
Your branch is ahead of 'origin/master' by 2 commits.
(use "git push" to publish your local commits)

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        cognizance/
        reset

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

```

```

HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$ touch reset

HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$ git add reset

HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$ git reset --soft

HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$ git status
On branch master
Your branch is ahead of 'origin/master' by 2 commits.
(use "git push" to publish your local commits)

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   reset

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        cognizance/

HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$ touch reset

HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$ git add reset

HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$ git reset

HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$ git status
On branch master
Your branch is ahead of 'origin/master' by 2 commits.
(use "git push" to publish your local commits)

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        cognizance/
        reset

```

10. Git rebase

```
HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$ git rebase master
Current branch master is up to date.
HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
```

11. Git- list—show

```
HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$ 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/HP/.gitconfig user.name=Navaneeth P
file:C:/Users/HP/.gitconfig user.email=nivinvinod1236@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/Navaneethvinodp/cognizance.git
file:.git/config remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
file:.git/config branch.master.remote=origin
file:.git/config branch.master.merge=refs/heads/master

HP@LAPTOP-E701AI7V MINGW64 ~/cognizance (master)
$
```

12.git fork

← → ↺ 🏠

github.com/Navaneethvinodp?tab=repositories

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