

# COGNIZANCE

## TASK 1[GIT & GITHUB]

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### 1. Creating a repository

```
HPDESKTOP-QOVLTHD MINGW64 ~  
$ cd c:  
  
HPDESKTOP-QOVLTHD MINGW64 /c  
$ cd users/HP/desktop  
  
HPDESKTOP-QOVLTHD MINGW64 /c/users/HP/desktop  
$ cd  
  
HPDESKTOP-QOVLTHD MINGW64 ~  
$ cd c:  
  
HPDESKTOP-QOVLTHD MINGW64 /c  
$ cd users/public  
  
HPDESKTOP-QOVLTHD MINGW64 /c/users/public  
$ mkdir Cognizance  
  
HPDESKTOP-QOVLTHD MINGW64 /c/users/public  
$ cd Cognizance  
  
HPDESKTOP-QOVLTHD MINGW64 /c/users/public/Cognizance  
$ git init  
Initialized empty Git repository in C:/Users/Public/Cognizance/.git/
```

### 2. git add

```
HPDESKTOP-QOVLTHD MINGW64 /c/users/public/Cognizance (master)  
$ git add cat.py
```

### 3. git status

```
HPDESKTOP-QOVLTHD MINGW64 /c/users/public/Cognizance (master)  
$ git status  
On branch master  
  
No commits yet  
  
Untracked files:  
  (use "git add <file>..." to include in what will be committed)  
    cognizance/  
  
nothing added to commit but untracked files present (use "git add" to track)  
)  
  
HPDESKTOP-QOVLTHD MINGW64 /c/users/public/Cognizance (master)  
$ touch cat.py  
  
HPDESKTOP-QOVLTHD MINGW64 /c/users/public/Cognizance (master)  
$ git add cat.py
```

```
HP@DESKTOP-QOVLTHD MINGW64 /c/users/public/Cognizance (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   cat.py

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

#### 4. git commit

```
HP@DESKTOP-QOVLTHD MINGW64 /c/users/public/Cognizance (master)
$ git commit -m "py"
[master (root-commit) ebc3090] py
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 cat.py
```

#### 5. git checkout

```
HP@DESKTOP-QOVLTHD MINGW64 /c/users/public/cognizance (master)
$ git checkout
```

```
HP@DESKTOP-QOVLTHD MINGW64 /c/users/public/cognizance (master)
$ git checkout File1
Switched to branch 'File1'
```

#### 6. git checkout -b

```
HP@DESKTOP-QOVLTHD MINGW64 /c/users/public/cognizance (File1)
$ git checkout -b File3
Switched to a new branch 'File3'
```

#### 7. git clone

```
HP@DESKTOP-QOVLTHD MINGW64 /c/users/public/Cognizance (master)
$ git clone https://github.com/Prarthana2124/cognizance.git
Cloning into 'cognizance'...
warning: You appear to have cloned an empty repository.
```

#### 8. git commit -a

```
HP@DESKTOP-QOVLTHD MINGW64 /c/users/public/cognizance (File1)
$ git commit -a
[File1 779ea09] hello world
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 p.txt
```

## 9. git push

```
HP@DESKTOP-QOVLTHD MINGW64 /c/users/public/cognizance (master)
$ git push origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 205 bytes | 205.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Prarthana2124/cognizance.git
 * [new branch]      master -> master
```

## 10. git merge

```
HP@DESKTOP-QOVLTHD MINGW64 /c/users/public/cognizance (File1)
$ git merge master
Already up to date.
```

## 11. git pull

```
HP@DESKTOP-QOVLTHD MINGW64 /c/users/public/cognizance (File1)
$ git pull origin master
From https://github.com/Prarthana2124/cognizance
 * branch            master      -> FETCH_HEAD
Already up to date.
```

## 12. git reset

```
HP@DESKTOP-QOVLTHD MINGW64 /c/users/public/cognizance (File1)
$ git reset --soft

HP@DESKTOP-QOVLTHD MINGW64 /c/users/public/cognizance (File1)
$ git branch
* File1
  File3
  master
```

## 13. git rebase

```
HP@DESKTOP-QOVLTHD MINGW64 /c/users/public/cognizance (File1)
$ git rebase File3
Current branch File1 is up to date.
```

## 14.git config --list --show-origin

```
HP@DESKTOP-QOVLTHD MINGW64 /c/users/public/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=Prarthana
file:C:/Users/HP/.gitconfig user.email=prarthana2124@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/Prarthana2124/cognizance.git
file:./git/config remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
```