

COGNIZANCE

TASK 1: GIT & GITHUB

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1. Creating repository:

```
Admin@DESKTOP-7OK0A05 MINGW64 ~  
$ cd c:  
  
Admin@DESKTOP-7OK0A05 MINGW64 /c  
$ cd users/admin/desktop  
  
Admin@DESKTOP-7OK0A05 MINGW64 /c/users/admin/desktop  
$ mkdir cognizance  
  
Admin@DESKTOP-7OK0A05 MINGW64 /c/users/admin/desktop  
$ cd cognizance  
  
Admin@DESKTOP-7OK0A05 MINGW64 /c/users/admin/desktop/cognizance  
$ git init  
Initialized empty Git repository in C:/Users/Admin/Desktop/cognizance/.git/
```

2. git add

```
Admin@DESKTOP-7OK0A05 MINGW64 /c/users/admin/desktop/cognizance (master)  
$ git add cat.py
```

3. git status

```
Admin@DESKTOP-7OK0A05 MINGW64 /c/users/admin/desktop/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)

Admin@DESKTOP-7OK0A05 MINGW64 /c/users/admin/desktop/cognizance (master)
$ touch cat.py

Admin@DESKTOP-7OK0A05 MINGW64 /c/users/admin/desktop/cognizance (master)
$ git add cat.py

Admin@DESKTOP-7OK0A05 MINGW64 /c/users/admin/desktop/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
```

4. git commit

```
Admin@DESKTOP-7OK0A05 MINGW64 /c/users/admin/desktop/cognizance (master)
$ git commit -m "py"
[master (root-commit) c1d57b5] py
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 cat.py
```

5. git checkout

```
Admin@DESKTOP-7OK0A05 MINGW64 /c/users/admin/desktop/cognizance (master)
$ git checkout folder1
Switched to branch 'folder1'
```

6. git checkout -b

```
Admin@DESKTOP-7OK0A05 MINGW64 /c/users/admin/desktop/cognizance (folder1)
$ git checkout -b folder3
Switched to a new branch 'folder3'
```

7. git clone

```
Admin@DESKTOP-7OKOA05 MINGW64 /c/users/admin/desktop/cognizance (master)
$ git clone https://github.com/Rishwanth1121/Cognizance.git
Cloning into 'Cognizance'...
warning: You appear to have cloned an empty repository.

Admin@DESKTOP-7OKOA05 MINGW64 /c/users/admin/desktop/cognizance (master)
$ git remote add origin https://github.com/Rishwanth1121/Cognizance.git
```

8. git commit -a

```
Admin@DESKTOP-7OKOA05 MINGW64 /c/users/admin/desktop/cognizance (folder1)
$ git commit -a
[folder1 e5e821e] hello world
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 p.txt
```

9. git push

```
Admin@DESKTOP-7OKOA05 MINGW64 /c/users/admin/desktop/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/Rishwanth1121/Cognizance.git
 * [new branch]      master -> master
```

10. git merge

```
Admin@DESKTOP-7OKOA05 MINGW64 /c/users/admin/desktop/cognizance (folder1)
$ git merge master
Already up to date.

Admin@DESKTOP-7OKOA05 MINGW64 /c/users/admin/desktop/cognizance (master)
$ git merge folder1
Already up to date.
```

11. git pull

```
Admin@DESKTOP-7OKOA05 MINGW64 /c/users/admin/desktop/cognizance (folder1)
$ git pull origin master
From https://github.com/Rishwanth1121/Cognizance
 * branch      master      -> FETCH_HEAD
Already up to date.
```

12. git reset

```
Admin@DESKTOP-7OKOA05 MINGW64 /c/users/admin/desktop/cognizance (folder1)
$ git reset --soft
```

13. git rebase

```
Admin@DESKTOP-7OKOA05 MINGW64 /c/users/admin/desktop/cognizance (folder1)
$ git rebase
There is no tracking information for the current branch.
Please specify which branch you want to rebase against.
See git-rebase(1) for details.

    git rebase '<branch>'

If you wish to set tracking information for this branch you can do so with:

    git branch --set-upstream-to=<remote>/<branch> folder1

Admin@DESKTOP-7OKOA05 MINGW64 /c/users/admin/desktop/cognizance (folder1)
$ git rebase folder3
Current branch folder1 is up to date.
```

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

```
Admin@DESKTOP-7OKOA05 MINGW64 /c/users/admin/desktop/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/Admin/.gitconfig user.name=Rishwanth
file:C:/Users/Admin/.gitconfig user.email=rishwanth1121@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/Rishwanth1121/Cognizance.git
file:.git/config remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
```