COGNIZANCE TASK-1

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Creating the Repository:

```
Home@LAPTOP-LHVQ18P MINGW64 ~/Desktop/Cognizance
 git init
Initialized empty Git repository in C:/Users/EzeeInfo/Desktop/Cognizance/.git/
Home@LAPTOP-LHVQ18P MINGW64 ~/Desktop/Cognizance (master)
$ git add Task-1
Home@LAPTOP-LHVQ18P MINGW64 ~/Desktop/Cognizance (master)
$ git commit -m "fast commit"
[master (root-commit) 3bfbdb6] fast commit
1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 Task-1/Aadhava.txt
Home@LAPTOP-LHVQ18P MINGW64 ~/Desktop/Cognizance (master)
$ git remote add origin https://github.com/Aadhava2003/Cognizance.git
Home@LAPTOP-LHVQ18P MINGW64 ~/Desktop/Cognizance (master)
$ git push -u origin master
Enumerating objects: 4, done.

Counting objects: 100% (4/4), done.

Writing objects: 100% (4/4), 266 bytes | 266.00 KiB/s, done.

Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Aadhava2003/Cognizance.git
 * [new branch]
                            master -> master
branch 'master' set up to track 'origin/master'.
```

Git add:

```
Home@LAPTOP-LHVQ18P MINGW64 ~/Desktop/Cognizance (master)
$ touch file.txt

Home@LAPTOP-LHVQ18P MINGW64 ~/Desktop/Cognizance (master)
$ git add file.txt
```

Git commit:

```
Home@LAPTOP-LHVQ18P MINGW64 ~/Desktop/Cognizance (master)
$ git commit
[master bcfe3f4] CHANGES MADE
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 file.txt
```

Git checkout:

```
Home@LAPTOP-LHVQ18P MINGW64 ~/Desktop/Cognizance (master)
$ git checkout -b Ram
Switched to a new branch 'Ram'

Home@LAPTOP-LHVQ18P MINGW64 ~/Desktop/Cognizance (Ram)
$ 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)
```

Git clone:

```
Home@LAPTOP-LHVQ18P MINGW64 ~/Desktop/Cognizance (master)
$ git clone https://github.com/Aadhava2003/Cognizance.git
Cloning into 'Cognizance'...
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Total 4 (delta 0), reused 4 (delta 0), pack-reused 0
Receiving objects: 100% (4/4), done.
```

Git commit -a:

```
Home@LAPTOP-LHVQ18P MINGW64 ~/Desktop/Cognizance (master)
$ touch add Flowers.txt

Home@LAPTOP-LHVQ18P MINGW64 ~/Desktop/Cognizance (master)
$ git add Flowers.txt

Home@LAPTOP-LHVQ18P MINGW64 ~/Desktop/Cognizance (master)
$ git commit -a
[master cb005a3] CHANGES MADE
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Flowers.txt
```

Git fetch:

```
Home@LAPTOP-LHVQ18P MINGW64 ~/Desktop/Cognizance (master)
$ git fetch origin

Home@LAPTOP-LHVQ18P MINGW64 ~/Desktop/Cognizance (master)
$ git fetch https://github.com/Aadhava2003/Cognizance.git
From https://github.com/Aadhava2003/Cognizance
* branch HEAD -> FETCH_HEAD
```

Git merge:

```
Home@LAPTOP-LHVQ18P MINGW64 ~/Desktop/Cognizance (master)
$ git checkout Ram
Switched to branch 'Ram'

Home@LAPTOP-LHVQ18P MINGW64 ~/Desktop/Cognizance (Ram)
$ git checkout master
Switched to branch 'master'
Your branch is ahead of 'origin/master' by 2 commits.
  (use "git push" to publish your local commits)

Home@LAPTOP-LHVQ18P MINGW64 ~/Desktop/Cognizance (master)
$ git merge Ram
Already up to date.
```

Git pull:

```
Home@LAPTOP-LHVQ18P MINGW64 ~/Desktop/Cognizance (master)
$ git pull
Already up to date.
```

Git push:

```
Home@LAPTOP-LHVQ18P MINGW64 ~/Desktop/Cognizance (master)

$ git push
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 4 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 564 bytes | 188.00 KiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Aadhava2003/Cognizance.git
3bfbdb6..cb005a3 master -> master
```

Git reset:

```
Home@LAPTOP-LHVQ18P MINGW64 ~/Desktop/Cognizance (master)
$ git reset --hard
HEAD is now at cb005a3 CHANGES MADE
```

Git rebase:

```
Home@LAPTOP-LHVQ18P MINGW64 ~/Desktop/Cognizance (master)
$ git rebase master
Current branch master is up to date.
```

<u>Git config –list –show—origin:</u>

```
ktop/Cognizance (master)
$ git config --list --show--origin
error: unknown option `show--origin'
usage: git config [<options>]
Config file location
--global
                                                  use global config file
use system config file
use repository config file
use per-worktree config file
use given config file
read config from given blob object
       --system
       --local
       --worktree
-f, --file <file>
--blob <blob-id>
Action
                                                   get value: name [value-pattern]
get all values: key [value-pattern]
get values for regexp: name-regex [value-pattern]
get value specific for the URL: section[.var] URL
replace all matching variables: name value [value-pattern]
        --get
       --get-a]]
       --get-regexp
       --get-urlmatch
       --replace-all
                                                   add a new variable: name value remove a variable: name [value-pattern] remove all matches: name [value-pattern] rename section: old-name new-name
       --add
       --unset
       --unset-all
        --rename-section
                                                   remove a section: name
list all
        --remove-section
       -l, --list
--fixed-value
-e, --edit
                                                   use string equality when comparing values to 'value-pattern' open an editor find the color configured: slot [default]
       --get-color
                                                   find the color setting: slot [stdout-is-tty]
       --get-colorbool
```

Git fork:

