

Name: Uvan Shankar A P

Roll No. : CH.EN.U4CSE20173

## **Cognizance**

### **Task-1**

Git add

```
Uvan Shankar@Uvan MINGW64 ~/Cognizance/Task-1 (master)
$ touch test.txt

Uvan Shankar@Uvan MINGW64 ~/Cognizance/Task-1 (master)
$ nano test.txt
```

```
Uvan Shankar@Uvan MINGW64 ~/Cognizance/Task-1 (master)
$ ls
demo.txt  test.txt

Uvan Shankar@Uvan MINGW64 ~/Cognizance/Task-1 (master)
$ git add test.txt
```

Git checkout:

```
Uvan Shankar@Uvan MINGW64 ~/Cognizance/Task-1 (master)
$ git checkout
A      Task-1/test.txt
```

Git checkout

```
Uvan Shankar@Uvan MINGW64 ~/Cognizance/Task-1 (master)
$ git checkout one
Switched to branch 'one'
A      Task-1/test.txt

Uvan Shankar@Uvan MINGW64 ~/Cognizance/Task-1 (one)
$ git checkout test.txt
```

Git checkout-b

```
Uvan Shankar@Uvan MINGW64 ~/Cognizance/Task-1 (one)
$ git checkout -b two
Switched to a new branch 'two'

Uvan Shankar@Uvan MINGW64 ~/Cognizance/Task-1 (two)
$ |
```

Git clone

```
Uvan Shankar@Uvan MINGW64 ~/Cognizance (master)
$ cd clonefile/

Uvan Shankar@Uvan MINGW64 ~/Cognizance/clonefile (master)
$ git clone https://github.com/u1shankar/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.

Uvan Shankar@Uvan MINGW64 ~/Cognizance/clonefile (master)
$ ls
Cognizance/

Uvan Shankar@Uvan MINGW64 ~/Cognizance/clonefile (master)
$ cd Cognizance/

Uvan Shankar@Uvan MINGW64 ~/Cognizance/clonefile/Cognizance (master)
$ ls
Task-1/
```

Git commit

```
Uvan Shankar@Uvan MINGW64 ~/Cognizance/Task-1 (master)
$ git commit -m "changes"
[master 849e6e1] changes
1 file changed, 1 insertion(+)
create mode 160000 clonefile/Cognizance
```

Git fetch

```
Uvan Shankar@Uvan MINGW64 ~/Cognizance/Task-1 (master)
$ git fetch https://github.com/u1shankar/Cognizance.git
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Total 4 (delta 0), reused 4 (delta 0), pack-reused 0
Unpacking objects: 100% (4/4), 243 bytes | 22.00 KiB/s, done.
From https://github.com/u1shankar/Cognizance
 * branch          HEAD          -> FETCH_HEAD
```

Git merge:

```
Uvan Shankar@Uvan MINGW64 ~/Cognizance/Task-1 (first)
$ git merge master
Already up to date.
```

Git push:

```
Uvan Shankar@Uvan MINGW64 /d/Cognizance/Task-1 (master)
$ git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 279 bytes | 279.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/u1shankar/Cognizance.git
  610cb79..93c24e1  master -> master
```

Git rebase

```
Uvan Shankar@Uvan MINGW64 /d/Cognizance/Task-1 (feature)
$ git rebase master
Current branch feature is up to date.
```

Git fork:

```
Uvan Shankar@Uvan MINGW64 /d/Cognizance/Task-1 (master)
$ git fork
git: 'fork' is not a git command. See 'git --help'.

The most similar commands are
  fsck
  hook
```

git config --list --show-origin:

```
Uvan Shankar@Uvan MINGW64 /d/Cognizance/Task-1 (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.usehttpauth=true
file:C:/Program Files/Git/etc/gitconfig init.defaultbranch=master
file:C:/Users/Uvan Shankar/.gitconfig filter.lfs.clean=git-lfs clean -- %f
file:C:/Users/Uvan Shankar/.gitconfig filter.lfs.smudge=git-lfs smudge -- %f
file:C:/Users/Uvan Shankar/.gitconfig filter.lfs.process=git-lfs filter-process
file:C:/Users/Uvan Shankar/.gitconfig filter.lfs.required=true
file:C:/Users/Uvan Shankar/.gitconfig user.name=u1shankar
file:C:/Users/Uvan Shankar/.gitconfig user.email=uvanshankar4@gmail.com
file:C:/Users/Uvan Shankar/.gitconfig user.username=u1shankar
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/u1shankar/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
```