Name: THARANIESH P R

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COGNIZANCE

TASK 1 [GIT & GITHUB]

1.Creating a repository

```
wwwth@LAPTOP-2N81720T MINGW64 ~
$ cd c:

wwwth@LAPTOP-2N81720T MINGW64 /c
$ cd users/wwwth/desktop

wwwth@LAPTOP-2N81720T MINGW64 /c/users/wwwth/desktop
$ mkdir cognizance

wwwth@LAPTOP-2N81720T MINGW64 /c/users/wwwth/desktop
$ cd cognizance

wwwth@LAPTOP-2N81720T MINGW64 /c/users/wwwth/desktop/cognizance
$ git init
Initialized empty Git repository in C:/Users/wwwth/desktop/cognizance/.git/
```

2.git add

```
wwwth@LAPTOP-2N81720T MINGW64 /c/users/wwwth/desktop/cognizance (master)
$ git add test1.py
```

3.git status

```
wwwth@LAPTOP-2N81720T MINGW64 /c/users/wwwth/desktop/cognizance (master)
$ git status
On branch master

No commits yet

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

wwwth@LAPTOP-2N81720T MINGW64 /c/users/wwwth/desktop/cognizance (master)
$ touch test1.py

wwwth@LAPTOP-2N81720T MINGW64 /c/users/wwwth/desktop/cognizance (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        test1.py

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

wwwth@LAPTOP-2N81720T MINGW64 /c/users/wwwth/desktop/cognizance (master)
$ git add test1.py

wwwth@LAPTOP-2N81720T MINGW64 /c/users/wwwth/desktop/cognizance (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   test1.py
```

4.git commit

```
wwwth@LAPTOP-2N81720T MINGW64 /c/users/wwwth/desktop/cognizance (master)
$ git commit -m"hello world"
[master (root-commit) 5cf4435] hello world
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 test1.py
```

5.git checkout

```
wwwth@LAPTOP-2N81720T MINGW64 /c/users/wwwth/desktop/cognizance (master)
$ git checkout

wwwth@LAPTOP-2N81720T MINGW64 /c/users/wwwth/desktop/cognizance (master)
$ git checkout folder1
Switched to branch 'folder1'
```

6.git checkout -b

```
wwwth@LAPTOP-2N81720T MINGW64 /c/users/wwwth/desktop/cognizance (folder1)
$ git checkout -b folder2
Switched to a new branch 'folder2'
```

7.git clone

```
wwwth@LAPTOP-2N81720T MINGW64 /c/users/wwwth/desktop/cognizance (master)
$ git clone https://github.com/Tharaniesh3/Cognizance-.git
Cloning into 'Cognizance-'...
warning: You appear to have cloned an empty repository.

wwwth@LAPTOP-2N81720T MINGW64 /c/users/wwwth/desktop/cognizance (master)
$ git remote add origin https://github.com/Tharaniesh3/Cognizance-.git
```

8.git commit -a

```
wwwth@LAPTOP-2N81720T MINGW64 /c/users/wwwth/desktop/cognizance (folder1)
$ git commit -a
On branch folder1
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)
```

9.git push

```
wwwth@LAPTOP-2N81720T MINGW64 /c/users/wwwth/desktop/cognizance (master)
$ git push  origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 225 bytes | 225.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Tharaniesh3/Cognizance-.git
 * [new branch]      master -> master
```

10.git merge

```
wwwth@LAPTOP-2N81720T MINGW64 /c/users/wwwth/desktop/cognizance (folder1)
$ git merge master
Already up to date.
```

11.git pull

```
wwwth@LAPTOP-2N81720T MINGW64 /c/users/wwwth/desktop/cognizance (folder1)
$ git pull
There is no tracking information for the current branch.
Please specify which branch you want to merge with.
See git-pull(1) for details.

    git pull <remote> <branch>

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

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


wwwth@LAPTOP-2N81720T MINGW64 /c/users/wwwth/desktop/cognizance (folder1)
$ git pull  https://github.com/Tharaniesh3/Cognizance-.git
From https://github.com/Tharaniesh3/Cognizance-
 * branch            HEAD       -> FETCH_HEAD
Updating 5cf4435..5e72299
Fast-forward
 folder1 | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 folder1

wwwth@LAPTOP-2N81720T MINGW64 /c/users/wwwth/desktop/cognizance (folder1)
$ git pull origin folder1
fatal: couldn't find remote ref folder1

wwwth@LAPTOP-2N81720T MINGW64 /c/users/wwwth/desktop/cognizance (folder1)
$ git pull origin master
From https://github.com/Tharaniesh3/Cognizance-
 * branch            master     -> FETCH_HEAD
Already up to date.

wwwth@LAPTOP-2N81720T MINGW64 /c/users/wwwth/desktop/cognizance (folder1)
$ git pull origin master
From https://github.com/Tharaniesh3/Cognizance-
 * branch            master     -> FETCH_HEAD
Already up to date.
```

12.git reset

```
wwwth@LAPTOP-2N81720T MINGW64 /c/users/wwwth/desktop/cognizance (folder2)
$ git reset --soft
```

13.git rebase

```
wwwth@LAPTOP-2N81720T MINGW64 /c/users/wwwth/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


wwwth@LAPTOP-2N81720T MINGW64 /c/users/wwwth/desktop/cognizance (folder1)
$ git rebase master
Current branch folder1 is up to date.
```

14.git fetch

```
wwwth@LAPTOP-2N81720T MINGW64 ~/desktop/cognizance (folder2)
$ git fetch
remote: Enumerating objects: 14, done.
remote: Counting objects: 100% (14/14), done.
remote: Compressing objects: 100% (13/13), done.
remote: Total 13 (delta 3), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (13/13), 372.68 KiB | 1.12 MiB/s, done.
From https://github.com/Tharaniesh3/Cognizance-
   5e72299..4510bc5  master     -> origin/master

wwwth@LAPTOP-2N81720T MINGW64 ~/desktop/cognizance (folder2)
$
```

15.git fork

Cognizance- **Public**

Updated 5 hours ago

☆ Star ▾

Cognizance **Public**

Forked from moulika183/Cognizance

⑂ 1   Updated 8 hours ago

☆ Star ▾

16.git config --list --show-origin

```
wwwth@LAPTOP-2N81720T MINGW64 /c/users/wwwth/desktop/cognizance (folder2)
$ 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=true
file:C:/Program Files/Git/etc/gitconfig pull.rebase=false
:...skipping...
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=true
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/wwwth/.gitconfig  filter.lfs.clean=git-lfs clean -- %f
file:C:/Users/wwwth/.gitconfig  filter.lfs.smudge=git-lfs smudge -- %f
file:C:/Users/wwwth/.gitconfig  filter.lfs.process=git-lfs filter-process
file:C:/Users/wwwth/.gitconfig  filter.lfs.required=true
file:C:/Users/wwwth/.gitconfig  user.name=Tharaniesh3
file:C:/Users/wwwth/.gitconfig  user.email=ch.en.u4cse21257@ch.students.amrita.edu
file:C:/Users/wwwth/.gitconfig  user.username=Tharaniesh3
file:C:/Users/wwwth/.gitconfig  www.tharanieshmarvel@gmail.com=Tharaniesh
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.ignorecase=true
file:.git/config        remote.origin.url=https://github.com/Tharaniesh3/Cognizance-.git
file:.git/config        remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
~
~
~
```