TASK – 1

{ git &github }

1.git add :

2. git checkout :

```
Vamsi@DESKTOP-JFI0214 MINGW64 ~/Desktop (main)
$ git checkout master
Switched to branch 'master'

Vamsi@DESKTOP-JFI0214 MINGW64 ~/Desktop (master)
$
```

3. git checkout –b :

```
Vamsi@DESKTOP-JFI0214 MINGW64 ~/Desktop (master)
$ git checkout -b task1
Switched to a new branch 'task1'

Vamsi@DESKTOP-JFI0214 MINGW64 ~/Desktop (task1)
$
```

4. git clone :

```
Vamsi@DESKTOP-JFI0214 MINGW64 ~/Desktop (master)
$ git clone https://github.com/rusty1s/pytorch_scatter.git
Cloning into 'pytorch_scatter'...
remote: Enumerating objects: 4987, done.
remote: Counting objects: 100% (977/977), done.
remote: Compressing objects: 100% (370/370), done.
remote: Total 4987 (delta 588), reused 842 (delta 490), pack-reused 4010
Receiving objects: 100% (4987/4987), 731.67 KiB | 312.00 KiB/s, done.
Resolving deltas: 100% (3243/3243), done.

Vamsi@DESKTOP-JFI0214 MINGW64 ~/Desktop (master)
$
```

5. git commit :

```
Vamsi@DESKTOP-JFI0214 MINGW64 ~/Desktop/New folder (task)
$ git commit -m "first commit"
[task (root-commit) af3d6aa] first commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 sample.txt

Vamsi@DESKTOP-JFI0214 MINGW64 ~/Desktop/New folder (task)
$ |
```

6. git commit –a :

```
Vamsi@DESKTOP-JFI0214 MINGW64 ~/Desktop (main)
$ git commit -a
On branch main
Your branch is up to date with 'origin/main'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        LTspice XVII.lnk
        Microsoft Edge.lnk
        Microsoft Teams.lnk
        YouTube (3).lnk
        cogni/
        desktop.ini
        pytorch_scatter/

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

Vamsi@DESKTOP-JFI0214 MINGW64 ~/Desktop (main)
$ |
```

7. git merge :

```
Vamsi@DESKTOP-JFI0214 MINGW64 ~/Desktop (master)
$ git checkout

Vamsi@DESKTOP-JFI0214 MINGW64 ~/Desktop (master)
$ git checkout -b task2
Switched to a new branch 'task2'

Vamsi@DESKTOP-JFI0214 MINGW64 ~/Desktop (task2)
$ git merge master
Already up to date.

Vamsi@DESKTOP-JFI0214 MINGW64 ~/Desktop (task2)
$
```

8. git pull :

```
Vamsi@DESKTOP-JFIO214 MINGW64 ~/Desktop (task1)
$ git pull
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 598 bytes | 1024 bytes/s, done.
From https://github.com/tharunreddy00/cognizance
 * [new branch]      main        -> origin/main
Already up to date.

Vamsi@DESKTOP-JFIO214 MINGW64 ~/Desktop (task1)
$ |
```

9. git fetch :

```
Vamsi@DESKTOP-JFIO214 MINGW64 ~/Desktop (task2)
$ git fetch

Vamsi@DESKTOP-JFIO214 MINGW64 ~/Desktop (task2)
$ git fetch --all
Fetching origin

Vamsi@DESKTOP-JFIO214 MINGW64 ~/Desktop (task2)
$
```

10.git push :

```
Vamsi@DESKTOP-JFIO214 MINGW64 ~/Desktop (task1)
$ git config --global user.name "tharunreddy00"

Vamsi@DESKTOP-JFIO214 MINGW64 ~/Desktop (task1)
$ git config --global user.email "tharunr914@gmail.com"

Vamsi@DESKTOP-JFIO214 MINGW64 ~/Desktop (task1)
$ git remote add origin https://github.com/tharunreddy00/cognizance.git

Vamsi@DESKTOP-JFIO214 MINGW64 ~/Desktop (task1)
$ git push origin
fatal: The current branch task1 has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream origin task1


Vamsi@DESKTOP-JFIO214 MINGW64 ~/Desktop (task1)
$ git push --set-upstream origin task1
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 224 bytes | 112.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'task1' on GitHub by visiting:
remote:      https://github.com/tharunreddy00/cognizance/pull/new/task1
remote:
To https://github.com/tharunreddy00/cognizance.git
 * [new branch]      task1 -> task1
branch 'task1' set up to track 'origin/task1'.

Vamsi@DESKTOP-JFIO214 MINGW64 ~/Desktop (task1)
$
```

11.git reset :

```
Vamsi@DESKTOP-JFIO214 MINGW64 ~/Desktop (task2)
$ git checkout task1
Switched to branch 'task1'
Your branch is up to date with 'origin/task1'.

Vamsi@DESKTOP-JFIO214 MINGW64 ~/Desktop (task1)
$ git reset HEAD sample.txt

Vamsi@DESKTOP-JFIO214 MINGW64 ~/Desktop (task1)
$ git status
On branch task1
Your branch is up to date with 'origin/task1'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        LTspice XVII.lnk
        Microsoft Edge.lnk
        Microsoft Teams.lnk
        YouTube (3).lnk
        cogni/
        desktop.ini
        pytorch_scatter/

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

Vamsi@DESKTOP-JFIO214 MINGW64 ~/Desktop (task1)
$ |
```

12.git rebase:

```
Vamsi@DESKTOP-JFIO214 MINGW64 ~/Desktop (task1)
$ git rebase main
dropping 9f97ad6958b8961defad96018655929eb419e1bc first commit -- patch
ontents already upstream
Successfully rebased and updated refs/heads/task1.

Vamsi@DESKTOP-JFIO214 MINGW64 ~/Desktop (task1)
$
```

13.git fork :

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tharunreddy00

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Cognizance-1 Public

Forked from saisharan0103/Cognizance

⑂ 1   Updated 22 minutes ago

cognizance Public

Updated 24 minutes ago

tharunreddy00 Public

Config files for my GitHub profile.

config   github-config

Updated 23 hours ago