Cognizance

1.Git and Git hub

Task-1

1.git add

2.git checkout

```
reddy@SGowthamReddy MINGW64 ~/OneDrive/Desktop/Coginizance/task1 (main)
$ git branch
  gow
* main
  master
  si

reddy@SGowthamReddy MINGW64 ~/OneDrive/Desktop/Coginizance/task1 (main)
$ git checkout gow
Switched to branch 'gow'
A       task1/test1.txt
A       task1/test2.txt
A       task1/test3.txt
A       test1.txt
A       tetst2.txt

reddy@SGowthamReddy MINGW64 ~/OneDrive/Desktop/Coginizance/task1 (gow)
$
```

3.git checkout -b

```
reddy@SGowthamReddy MINGW64 ~/OneDrive/Desktop/Coginizance/task1 (gow)
$ git checkout -b is
Switched to a new branch 'is'

reddy@SGowthamReddy MINGW64 ~/OneDrive/Desktop/Coginizance/task1 (is)
$ git branch
  gow
* is
  main
  master
  si

reddy@SGowthamReddy MINGW64 ~/OneDrive/Desktop/Coginizance/task1 (is)
$ |
```

4.git clone

MINGW64:/d

reddy@SGowthamReddy MINGW64 /d
$ git clone https://github.com/GowthamReddyS1/branch.git
Cloning into 'branch'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.

reddy@SGowthamReddy MINGW64 /d
$ |

5.git commit


```
MINGW64:/c/Users/reddy/OneDrive/Desktop/Coginizance/task1

reddy@SGowthamReddy MINGW64 ~/OneDrive/Desktop/Coginizance/task1 (is)
$ git commit -m "first commit"
[is a5c2ea4] first commit
 1 file changed, 1 insertion(+), 1 deletion(-)

reddy@SGowthamReddy MINGW64 ~/OneDrive/Desktop/Coginizance/task1 (is)
$ git commit
On branch is
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   test2.txt

no changes added to commit (use "git add" and/or "git commit -a")

reddy@SGowthamReddy MINGW64 ~/OneDrive/Desktop/Coginizance/task1 (is)
$
```

6..git commit -a


```
MINGW64:/c/Users/reddy/OneDrive/Desktop/Coginizance/task1

# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
#
# On branch is
# Changes to be committed:
#       modified:   test2.txt
#
~
~
~
~
~
~
~
~
~
~
~
~
```

7.git fetch

```
reddy@SGowthamReddy MINGW64 ~/OneDrive/Desktop/Coginizance/task1 (main)
$ git fetch origin
remote: Enumerating objects: 7, done.
remote: Counting objects: 100% (7/7), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 6 (delta 1), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (6/6), 1.33 KiB | 27.00 KiB/s, done.
From https://github.com/GowthamReddyS1/Coginizance
   d66a5e2..bce9020  main         -> origin/main
 * [new branch]      commit       -> origin/commit

reddy@SGowthamReddy MINGW64 ~/OneDrive/Desktop/Coginizance/task1 (main)
$ git checkout commit
Switched to a new branch 'commit'
branch 'commit' set up to track 'origin/commit'.

reddy@SGowthamReddy MINGW64 ~/OneDrive/Desktop/Coginizance/task1 (commit)
$ git branch
* commit
  gow
  is
  main
  master
  si
```

8.git merge

```
reddy@SGowthamReddy MINGW64 ~/OneDrive/Desktop/Coginizance/task1 (main)
$ git branch -a
  commit
  gow
  is
* main
  master
  si
  remotes/origin/HEAD -> origin/main
  remotes/origin/commit
  remotes/origin/main

reddy@SGowthamReddy MINGW64 ~/OneDrive/Desktop/Coginizance/task1 (main)
$ git merge commit
Updating bce9020..6557068
Fast-forward
 commit file in another branch | 2 ++
 1 file changed, 2 insertions(+)
 create mode 100644 commit file in another branch
```

merge cont

```
reddy@SGowthamReddy MINGW64 ~/OneDrive/Desktop/Coginizance/task1 (main)
$ git checkout master
Switched to branch 'master'

reddy@SGowthamReddy MINGW64 ~/OneDrive/Desktop/Coginizance/task1 (master)
$ git merge gow
Already up to date.

reddy@SGowthamReddy MINGW64 ~/OneDrive/Desktop/Coginizance/task1 (master)
$ git merge main
Updating d66a5e2..6557068
Fast-forward
 commit file                  | 1 +
 commit file in another branch | 2 ++
 2 files changed, 3 insertions(+)
 create mode 100644 commit file
 create mode 100644 commit file in another branch
```
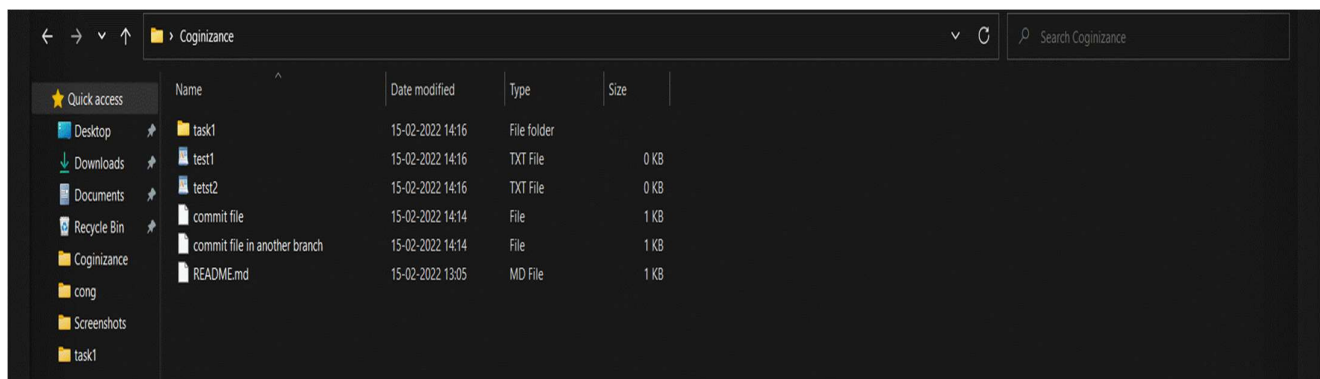
9.git pull

```
reddy@SGowthamReddy MINGW64 ~/OneDrive/Desktop/Coginizance/task1 (master)
$ git checkout main
Switched to branch 'main'
Your branch is behind 'origin/main' by 1 commit, and can be fast-forwarded.
  (use "git pull" to update your local branch)

reddy@SGowthamReddy MINGW64 ~/OneDrive/Desktop/Coginizance/task1 (main)
$ git pull
Updating d66a5e2..bce9020
Fast-forward
 commit file | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 commit file
```

| Name	Date modified	Type	Size
task1	15-02-2022 14:16	File folder	
test1	15-02-2022 14:16	TXT File	0 KB
tetst2	15-02-2022 14:16	TXT File	0 KB
commit file	15-02-2022 14:14	File	1 KB
commit file in another branch	15-02-2022 14:14	File	1 KB
README.md	15-02-2022 13:05	MD File	1 KB

10. git push

```
reddy@SGowthamReddy MINGW64 ~/OneDrive/Desktop/Coginizance/task1 (main)
$ git push
Enumerating objects: 10, done.
Counting objects: 100% (10/10), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (9/9), 785 bytes | 392.00 KiB/s, done.
Total 9 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/GowthamReddyS1/Coginizance.git
   fad68b0..ed2f876  main -> main
```

| main ▾ | 3 branches | 0 tags | | | Go to file | Add file ▾ | Code ▾ |

	SGowthamReddy2 tets 1		ed2f876 3 minutes ago	7 commits
📁	task1	tets 1		3 minutes ago
🗎	README.md	Update README.md		1 hour ago
🗎	commit file	Create commit file		2 hours ago
🗎	commit file in another branch	Create commit file in another branch		2 hours ago
🗎	example	Create example		35 minutes ago
🗎	gowyam.txt	tets 1		3 minutes ago
🗎	test1.txt	tets 1		3 minutes ago
🗎	tetst2.txt	tets 1		3 minutes ago

11.git reset

```
reddy@SGowthamReddy MINGW64 ~/OneDrive/Desktop/Coginizance/task1 (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   first.txt
        new file:   test1.txt
        new file:   test2.txt
        new file:   test3.txt
        new file:   ../test1.txt
        new file:   ../tetst2.txt

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


reddy@SGowthamReddy MINGW64 ~/OneDrive/Desktop/Coginizance/task1 (main)
$ git add .

reddy@SGowthamReddy MINGW64 ~/OneDrive/Desktop/Coginizance/task1 (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   2.txt
        new file:   first.txt
        new file:   teast
        new file:   test1.txt
        new file:   test2.txt
        new file:   test3.txt
        new file:   ../test1.txt
        new file:   ../tetst2.txt


reddy@SGowthamReddy MINGW64 ~/OneDrive/Desktop/Coginizance/task1 (main)
$ git reset

reddy@SGowthamReddy MINGW64 ~/OneDrive/Desktop/Coginizance/task1 (main)
$ git status
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)
        ./
        ../test1.txt
        ../tetst2.txt

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

12.git rebase


```
reddy@SGowthamReddy MINGW64 ~/OneDrive/Desktop/Coginizance/task1 (main)
$ git rebase master
Successfully rebased and updated refs/heads/main.

reddy@SGowthamReddy MINGW64 ~/OneDrive/Desktop/Coginizance/task1 (main)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

reddy@SGowthamReddy MINGW64 ~/OneDrive/Desktop/Coginizance/task1 (master)
$ git rebase main
Successfully rebased and updated refs/heads/master.

reddy@SGowthamReddy MINGW64 ~/OneDrive/Desktop/Coginizance/task1 (master)
$
```

13.giit fork

I fork with smilest-soul