

COGNIZANCE

TASK-1(GIT & GITHUB)

--A.SAI RAM CHARAN

21005-CYS

1.git add :

```
MINGW64/C/Users/arch
asrch@DESKTOP-QFP2QLQ MINGW64 ~ (master)
$ git add README.md
asrch@DESKTOP-QFP2QLQ MINGW64 ~ (master)
$ git commit -m "first commit"
author identity unknown

*** Please tell me who you are.

Run

git config --global user.email "you@example.com"
git config --global user.name "Your Name"

to set your account's default identity.
Run --global to set the identity only in this repository.

fatal: unable to auto-detect email address (got 'asrch@DESKTOP-QFP2QLQ.(none)')
asrch@DESKTOP-QFP2QLQ MINGW64 ~ (master)
$ git config --global user.email "ch.en.u4cys21005@ch.students.amrita.edu"
$ git config --global user.name "Ramcharan03"
asrch@DESKTOP-QFP2QLQ MINGW64 ~ (master)
$ git commit -m "first commit"
[master (root-commit) 5604e6d] first commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 README.md
asrch@DESKTOP-QFP2QLQ MINGW64 ~ (master)
$ git remote add origin https://github.com/Ramcharan03/cognizance.git
asrch@DESKTOP-QFP2QLQ MINGW64 ~ (master)
$ git push -u 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
remote: Create a pull request for 'master' on GitHub by visiting:
remote:   https://github.com/Ramcharan03/cognizance/pull/new/master
remote:
to https://github.com/Ramcharan03/cognizance.git
* [new branch] master -> master
branch 'master' set up to track 'origin/master'.
asrch@DESKTOP-QFP2QLQ MINGW64 ~ (master)
$
```

2. git checkout :

```
MINGW64:/c/users/asrch/cognizance
$ cd asrch

asrch@DESKTOP-QFP2QLQ MINGW64 /c/users/asrch
$ cd cognizance

asrch@DESKTOP-QFP2QLQ MINGW64 /c/users/asrch/cognizance
$ git init
Initialized empty Git repository in C:/Users/asrch/cognizance/.git/

asrch@DESKTOP-QFP2QLQ MINGW64 /c/users/asrch/cognizance (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
  cognizance/
  demo.txt
```

3. git checkout -b :

```
asrch@DESKTOP-QFP2QLQ MINGW64 /c/users/asrch/cognizance (master)
$ cd ..

asrch@DESKTOP-QFP2QLQ MINGW64 /c/users/asrch
$ cd cognizance

asrch@DESKTOP-QFP2QLQ MINGW64 /c/users/asrch/cognizance (master)
$ git clone https://github.com/Ramcharan03/cognizance.git
Cloning into 'cognizance'...
remote: Enumerating objects: 10, done.
remote: Counting objects: 100% (10/10), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 10 (delta 0), reused 3 (delta 0), pack-reused 0
Receiving objects: 100% (10/10), done.

asrch@DESKTOP-QFP2QLQ MINGW64 /c/users/asrch/cognizance (master)
$ git checkout -b feature
Switched to a new branch 'feature'
```

4. git clone :

```
asrch@DESKTOP-QFP2QLQ MINGW64 /c/users/asrch/cognizance (master)
$ git clone https://github.com/Ramcharan03/cognizance.git
Cloning into 'cognizance'...
remote: Enumerating objects: 10, done.
remote: Counting objects: 100% (10/10), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 10 (delta 0), reused 3 (delta 0), pack-reused 0
Receiving objects: 100% (10/10), done.
```

5. git commit :

```
asrch@DESKTOP-QFP2QLQ MINGW64 /c/users/asrch/cognizance (master)
$ git commit -m "first commit"
[master (root-commit) acf9d47] first commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 demo.txt

asrch@DESKTOP-QFP2QLQ MINGW64 /c/users/asrch/cognizance (master)
$ |
```

6. git commit -a :

```
asrch@DESKTOP-QFP2QLQ MINGW64 /c/users/asrch/cognizance/.git (master)
$ cd ..

asrch@DESKTOP-QFP2QLQ MINGW64 /c/users/asrch/cognizance (master)
$ git commit -a
hint: Waiting for your editor to close the file... error: There was a problem with the editor 'vi'.
Please supply the message using either -m or -F option.
```

7. git merge :

```
asrch@DESKTOP-QFP2QLQ MINGW64 ~/cognizance (master)
$ git merge master
Already up to date.

asrch@DESKTOP-QFP2QLQ MINGW64 ~/cognizance (master)
$ |
```

8. git pull :

```

MINGW64:/c/users/asrch/cognizance
$ cd asrch

asrch@DESKTOP-QFP2QLQ MINGW64 /c/users/asrch
$ cd cognizance

asrch@DESKTOP-QFP2QLQ MINGW64 /c/users/asrch/cognizance
$ git init
Initialized empty Git repository in C:/Users/asrch/cognizance/.git/

asrch@DESKTOP-QFP2QLQ MINGW64 /c/users/asrch/cognizance (master)

$ 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.

```

9.git fetch :

```

asrch@DESKTOP-QFP2QLQ MINGW64 ~/cognizance (master)
$ git fetch

asrch@DESKTOP-QFP2QLQ MINGW64 ~/cognizance (master)
$ git fetch --all

```

10.git push :

```

MINGW64:/c/users/asrch/cognizance
$ cd asrch

asrch@DESKTOP-QFP2QLQ MINGW64 /c/users/asrch
$ cd cognizance

asrch@DESKTOP-QFP2QLQ MINGW64 /c/users/asrch/cognizance
$ git init
Initialized empty Git repository in C:/Users/asrch/cognizance/.git/

asrch@DESKTOP-QFP2QLQ MINGW64 /c/users/asrch/cognizance (master)

$ 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:

```

11.git reset :

```
asrch@DESKTOP-QFP2QLQ MINGW64 /c/users/asrch/cognizance (master)
$ git reset

asrch@DESKTOP-QFP2QLQ MINGW64 /c/users/asrch/cognizance (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    cognizance/
    demo.txt
```

12.git rebase:

```
MINGW64:/c/users/asrch/cognizance
$ cd asrch

asrch@DESKTOP-QFP2QLQ MINGW64 /c/users/asrch
$ cd cognizance

asrch@DESKTOP-QFP2QLQ MINGW64 /c/users/asrch/cognizance
$ git init
Initialized empty Git repository in C:/Users/asrch/cognizance/.git/

asrch@DESKTOP-QFP2QLQ MINGW64 /c/users/asrch/cognizance (master)

git rebase main
opping 9f97ad6958b8961defad96018655929eb419e1bc first commit -- patch
ntents already upstream
uccessfully rebased and updated refs/heads/task1.
```

13.git fork :

