

COGNIZANCE

TASK 1 [GIT & GITHUB]

1.Creating a repository

```
MINGW64:/c/Users/Aruntej/Desktop/Cognizance

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop
$ pwd
/c/Users/Aruntej/Desktop

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop
$ mkdir Cognizance

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop
$ ls
Cognizance/  Git-2.35.1.2-64-bit.exe*  'New Text Document.txt'  desktop.ini  '~$w Microsoft Word Document.docx'

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop
$ cd Cognizance

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance
$ git init
Initialized empty Git repository in C:/Users/Aruntej/Desktop/Cognizance/.git/

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (master)
$
```

2.git add

```
MINGW64:/c/Users/Aruntej/Desktop/Cognizance

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (master)
$ touch demo.txt

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (master)
$ git add demo.txt

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (master)
$ git stats
git: 'stats' is not a git command. See 'git --help'.

The most similar command is
    status

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   demo.txt

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (master)
$
```

3.git status

```
MINGW64:/c/Users/Aruntej/Desktop/Cognizance

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   demo.txt

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (master)
$
```

4.git commit

```
MINGW64:/c/Users/Aruntej/Desktop/Cognizance

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (master)
$ git commit -m "First time"
[master 5e819c1] First time
 1 file changed, 2 insertions(+)

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (master)
$
```

5.git checkout

```
MINGW64:/c/Users/Aruntej/Desktop/Cognizance

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (master)
$ git checkout master
Already on 'master'
Your branch is up to date with 'origin1/master'.

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (master)
$ git checkout main
Switched to branch 'main'

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (main)
$
```

6.git checkout -b

```
MINGW64:/c/Users/Aruntej/Desktop/Cognizance

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (main)
$ git checkout -b space
Switched to a new branch 'space'

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (space)
$ ..
$ ..
```

7.git clone

```
Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop
$ git clone https://github.com/apsdehal/awesome-ctf.git
Cloning into 'awesome-ctf'...
remote: Enumerating objects: 708, done.
remote: Total 708 (delta 0), reused 0 (delta 0), pack-reused 708
Receiving objects: 100% (708/708), 434.75 KiB | 718.00 KiB/s, done.
Resolving deltas: 100% (382/382), done.

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop
$ ..
$ ..
```

8.git commit -a

```
Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (master)
$ git commit -a
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (master)
$ ..
$ ..
```

9.git push

```
Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (master)
$ git push origin master
Everything up-to-date

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (master)
$ ..
$ ..
```

```

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (space)
$ git push origin1
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (6/6), 411 bytes | 411.00 KiB/s, done.
Total 6 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
remote:
remote: Create a pull request for 'space' on GitHub by visiting:
remote:   https://github.com/captain-america-7/Cognizance/pull/new/space
remote:
To https://github.com/captain-america-7/Cognizance.git
 * [new branch]      space -> space

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (space)
$

```

10.git merge

```

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (master)
$ git merge space
Already up to date.

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (master)
$

```

11.git pull

```

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (master)
$ git pull
Already up to date.

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (master)
$

```

```

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (space)
$ git pull origin1 master
From https://github.com/captain-america-7/Cognizance
 * branch            master       -> FETCH_HEAD
Updating 5e819c1..d7a1dc3
Fast-forward
 Task-1/demo2 | 1 +
 demo.txt     | 2 ++
 2 files changed, 3 insertions(+)
 create mode 100644 Task-1/demo2

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (space)
$

```

12.git reset

```

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (master)
$ git reset HEAD demo.txt

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (master)
$

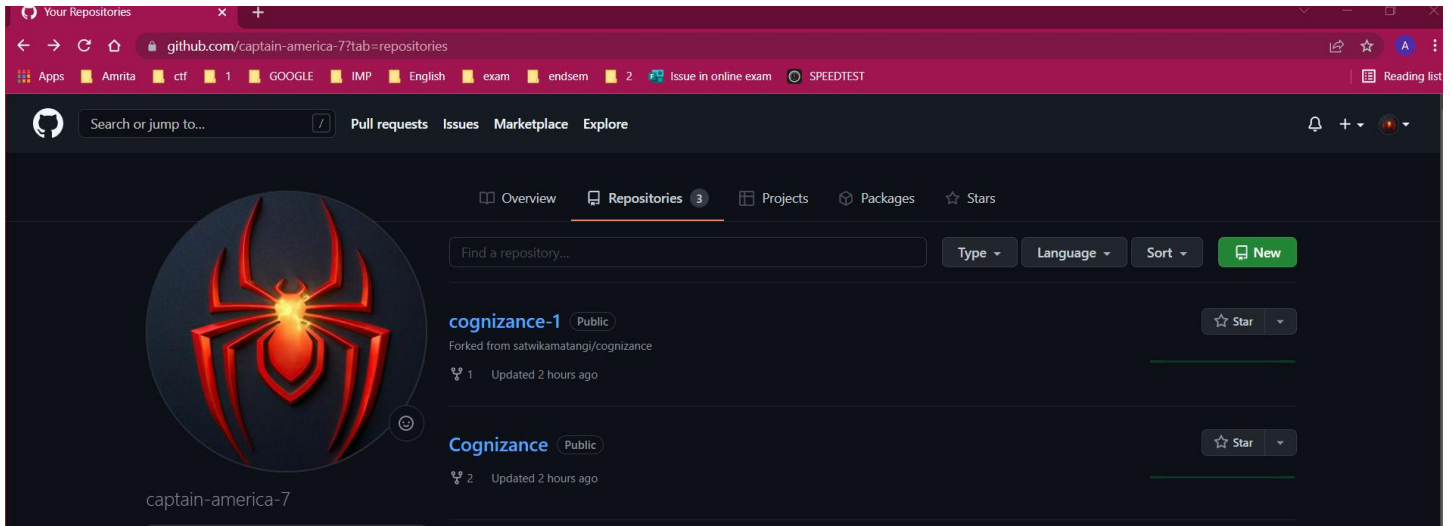
```

13.git rebase

```
Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (master)
$ git rebase main
Current branch master is up to date.

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (master)
$
```

14.git fork



15. git config --list --show-

```
MINGW64/c/Users/Aruntej/Desktop/Cognizance

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (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 core.editor=notepad
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/Aruntej/.gitconfig user.name=captain-america-7
file:C:/Users/Aruntej/.gitconfig user.email=ch.en.u4cys21046@ch.students.amrita.edu
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/captain-america-7/Cognizance.git~
file:.git/config remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
file:.git/config remote.origin1.url=https://github.com/captain-america-7/Cognizance.git
file:.git/config remote.origin1.fetch=+refs/heads/*:refs/remotes/origin1/*
file:.git/config branch.master.remote=origin1
file:.git/config branch.master.merge=refs/heads/master

Aruntej@DESKTOP-9MTEANQ MINGW64 ~/Desktop/Cognizance (master)
$
```