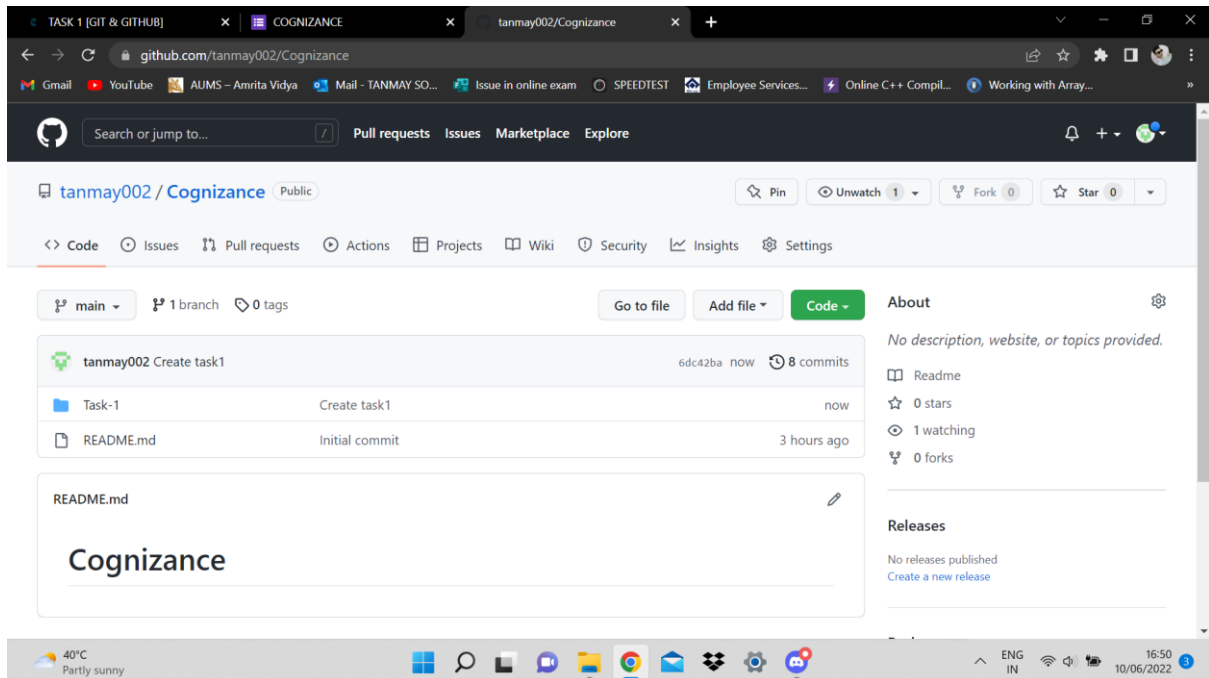


Name: Tanmay Soni
Discord: Tanmay#2243

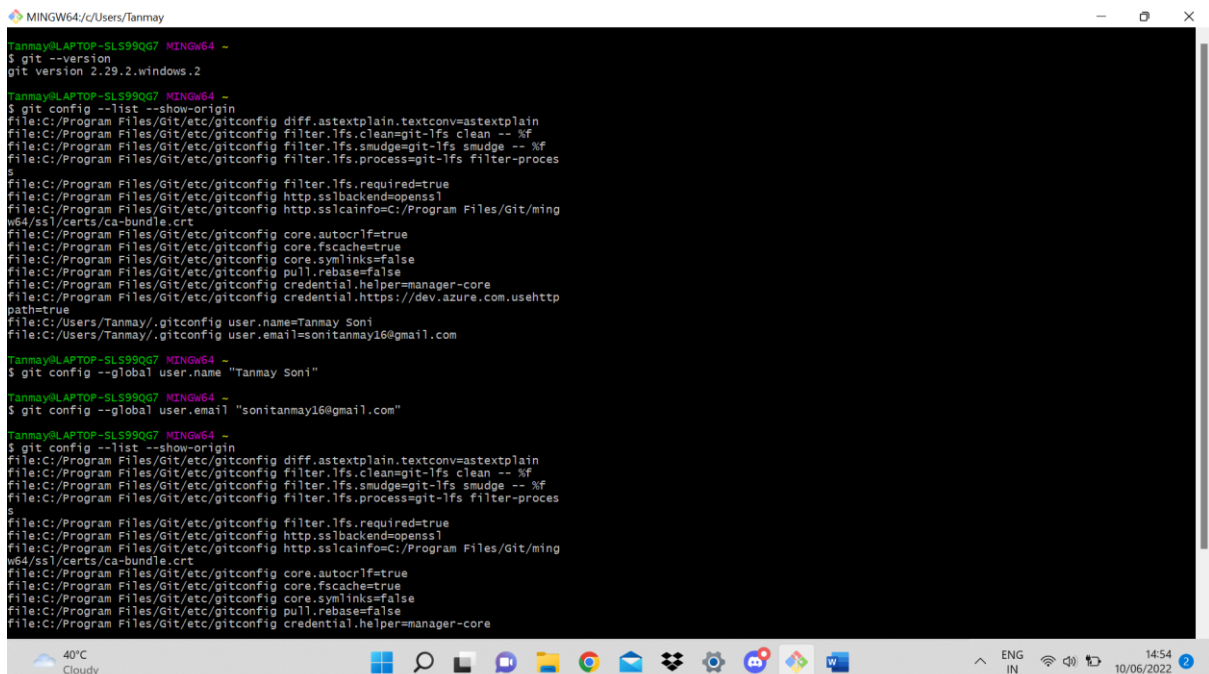
Roll Number : CH.EN.U4CYS20074

Cognizance Task 1

Making repository and adding a folder in it .



Setting up the Git bash :



Name: Tanmay Soni
Discord: Tanmay#2243

Roll Number : CH.EN.U4CYS20074

git config --list --show-origin

```
MINGW64/c/Users/Tanmay
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.fsck=true
file:C:/Program Files/git/etc/gitconfig core.symbols=false
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.usehttp
path=true
file:C:/Users/Tanmay/.gitconfig user.name=Tanmay Soni
file:C:/Users/Tanmay/.gitconfig user.email=sonitanmay16@gmail.com

Tanmay@LAPTOP-SLS99QG7 MINGW64 -
$ git config --global user.name "Tanmay Soni"

Tanmay@LAPTOP-SLS99QG7 MINGW64 -
$ git config --global user.email "sonitanmay16@gmail.com"

Tanmay@LAPTOP-SLS99QG7 MINGW64 -
$ 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.fsck=true
file:C:/Program Files/git/etc/gitconfig core.symbols=false
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.usehttp
path=true
file:C:/Users/Tanmay/.gitconfig user.name=Tanmay Soni
file:C:/Users/Tanmay/.gitconfig user.email=sonitanmay16@gmail.com

Tanmay@LAPTOP-SLS99QG7 MINGW64 -
$ |
```

Git add :

```
MINGW64/c/Users/Tanmay/Cognizance
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git add README.md
fatal: pathspec 'README.md' did not match any files

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git add README
fatal: pathspec 'README' did not match any files

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ cd

Tanmay@LAPTOP-SLS99QG7 MINGW64 -
$ git add example.txt
fatal: not a git repository (or any of the parent directories): .git

Tanmay@LAPTOP-SLS99QG7 MINGW64 -
$ cd Cognizance

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ ls -la
total 24
drwxr-xr-x 1 Tanmay 197121 0 Jun 10 15:18 ./
drwxr-xr-x 1 Tanmay 197121 0 Jun 10 15:20 ../
drwxr-xr-x 1 Tanmay 197121 0 Jun 10 15:20 .git/
drwxr-xr-x 1 Tanmay 197121 0 Jun 10 15:18 Cognizance/

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ touch newFile.txt

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git status
On branch master

No commits yet

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

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

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git add newFile.txt

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ |
```

Name: Tanmay Soni
Discord: Tanmay#2243

Roll Number : CH.EN.U4CYS20074

Git checkout :

```
MINGW64/c/Users/Tanmay/Cognizance
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ touch newFile.txt
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git status
On branch master
No commits yet
Untracked files:
  (use "git add <file>..." to include in what will be committed)
  Cognizance/
  newFile.txt
nothing added to commit but untracked files present (use "git add" to track)
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git add newFile.txt
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git branch
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git checkout -b branch1
Switched to a new branch 'branch1'
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (branch1)
$ git checkout
fatal: You are on a branch yet to be born
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (branch1)
$ git checkout -b master
Switched to a new branch 'master'
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git checkout
fatal: You are on a branch yet to be born
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ |
```

Git clone :

```
MINGW64/c/Users/Tanmay/Cognizance
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~
$
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~
$
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~
$
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~
$
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~
$
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~
$
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~
$
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~
$
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~
$ mkdir Cognizance
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~
$ cd Cognizance
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance
$ git init
Initialized empty Git repository in C:/Users/Tanmay/Cognizance/.git/
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git clone https://github.com/tanmay002/Cognizance.git
Cloning into 'Cognizance'...
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (6/6), done.
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ |
```

Name: Tanmay Soni
Discord: Tanmay#2243

Roll Number : CH.EN.U4CYS20074

Git commit:

```
MINGW64/c/Users/Tanmay/Cognizance
On branch master

No commits yet

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

nothing added to commit but untracked files present (use "git add" to track)
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git add newFile.txt
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git branch
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git checkout -b branch1
Switched to a new branch 'branch1'
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (branch1)
$ git checkout
fatal: You are on a branch yet to be born
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (branch1)
$ git checkout -b master
Switched to a new branch 'master'
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git checkout
fatal: You are on a branch yet to be born
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git commit
[master (root-commit) 633859c] commit executed successfully
1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 newFile.txt
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ |
```

Git commit -a:

```
MINGW64/c/Users/Tanmay/Cognizance
1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 newFile.txt
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ touch newFile2
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
  Cognizance/
  newFile2

nothing added to commit but untracked files present (use "git add" to track)
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git commit -a
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
  Cognizance/
  newFile2

nothing added to commit but untracked files present (use "git add" to track)
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
  Cognizance/
  newFile2

nothing added to commit but untracked files present (use "git add" to track)
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git commit -a
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
  Cognizance/
  newFile2

nothing added to commit but untracked files present (use "git add" to track)
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ |
```

Name: Tanmay Soni
Discord: Tanmay#2243

Roll Number : CH.EN.U4CYS20074

Git fetch:

```
MINGW64/c/Users/Tanmay/Cognizance
Cognizance/
newFile2

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

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Cognizance/
    newFile2

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

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git commit -a
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Cognizance/
    newFile2

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

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git fetch https://github.com/tanmay002/Cognizance.git
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (6/6), 1.20 KiB | 12.00 KiB/s, done.
From https://github.com/tanmay002/Cognizance
+ branch HEAD -> FETCH_HEAD

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$
```

Git merge:

```
MINGW64/c/Users/Tanmay/Cognizance
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git checkout -b branch1
Switched to a new branch 'branch1'

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (branch1)
$ git add branchfile.txt
fatal: pathspec 'branchfile.txt' did not match any files

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (branch1)
$ touch branchfile.txt

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (branch1)
$ git add branchfile.txt

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (branch1)
$ git commit -m "edited branchfile.txt"
[branch1 8feb0e9] edited branchfile.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 branchfile.txt

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (branch1)
$ git log
commit 8Feb0e9777a86f7f825637b6d906c7977e888376 (HEAD -> branch1)
Author: Tanmay Soni <sonitanmay16@gmail.com>
Date: Fri Jun 10 15:43:07 2022 +0530

    edited branchfile.txt

commit 633859c5ad38a93c92caf2c04c464156e4113219 (master)
Author: Tanmay Soni <sonitanmay16@gmail.com>
Date: Fri Jun 10 15:33:23 2022 +0530

    commit executed successfully

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (branch1)
$ git checkout master
Switched to branch 'master'
```

Name: Tanmay Soni
Discord: Tanmay#2243

Roll Number : CH.EN.U4CYS20074

```
MINGW64/c/Users/Tanmay/Cognizance
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (branch1)
$ touch branchfile.txt
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (branch1)
$ git add branchfile.txt
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (branch1)
$ git commit -m "edited branchfile.txt"
[branch1 8Feb0e9] edited branchfile.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 branchfile.txt
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (branch1)
$ git log
commit 8Feb0e9777a86f7f825637b6d906c7977e888376 (HEAD -> branch1)
Author: Tanmay Soni <sonitanmay16@gmail.com>
Date: Fri Jun 10 15:43:07 2022 +0530
    edited branchfile.txt
commit 633859c5ad38a93c92caf2c84c46415ee4113219 (master)
Author: Tanmay Soni <sonitanmay16@gmail.com>
Date: Fri Jun 10 15:33:23 2022 +0530
    commit executed successfully
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (branch1)
$ git checkout master
Switched to branch 'master'
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git merge master
Already up to date.
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git merge 8Feb0e9777a86f7f825637b6d906c7977e888376
Updating 633859c..8Feb0e9
Fast-forward
 branchfile.txt | 0
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 branchfile.txt
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git merge master
Already up to date.
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$
```

Git pull:

```
MINGW64/c/Users/Tanmay/Cognizance
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ 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=<remote>/<branch> master
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git pull https://github.com/tanmay002/Cognizance.git
From https://github.com/tanmay002/Cognizance
 * branch            HEAD       -> FETCH_HEAD
fatal: refusing to merge unrelated histories
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ 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=<remote>/<branch> master
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git pull https://github.com/tanmay002/Cognizance.git
remote: Enumerating objects: 9, done.
remote: Counting objects: 100% (9/9), done.
remote: Compressing objects: 100% (5/5), done.
remote: Total 9 (delta 1), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (9/9), 1.85 KiB | 157.00 KiB/s, done.
From https://github.com/tanmay002/Cognizance
 * branch            HEAD       -> FETCH_HEAD
fatal: refusing to merge unrelated histories
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$
```

Name: Tanmay Soni
Discord: Tanmay#2243

Roll Number : CH.EN.U4CYS20074

Git push:

```
MINGW64/c/Users/Tanmay/Cognizance
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git add newfile2

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git commit -m "added file to the project"
[master 90786f1] added file to the project
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 newfile2

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git push origin master
fatal: 'origin' does not appear to be a git repository
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git push master
fatal: The current branch master has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream master master

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git push --set-upstream master master
fatal: 'master' does not appear to be a git repository
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git push --set-upstream Cognizance master
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (7/7), 635 bytes | 635.00 KiB/s, done.
Total 7 (delta 1), reused 0 (delta 0), pack-reused 0
To Cognizance
 * [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'Cognizance'.
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$
```

Git reset:

```
MINGW64/c/Users/Tanmay/Cognizance
$
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ touch newfile2.txt

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git add newfile2.txt

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   newfile2.txt

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

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git log
commit 90786f176211b7eb06629c4ec534d9a4f5bc72b2 (HEAD -> master)
Author: Tanmay Soni <sonitanmay16@gmail.com>
Date:   Fri Jun 10 16:00:02 2022 +0530

    added file to the project

commit 8Feb0e9777a86f7f825637b6d906c7977e888376 (branch1)
Author: Tanmay Soni <sonitanmay16@gmail.com>
Date:   Fri Jun 10 15:43:07 2022 +0530

    edited branchfile.txt

commit 633859c5ad38a93c92caf2c84c464156e4113219
Author: Tanmay Soni <sonitanmay16@gmail.com>
Date:   Fri Jun 10 15:33:23 2022 +0530

    commit executed successfully

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git reset

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git log
commit 90786f176211b7eb06629c4ec534d9a4f5bc72b2 (HEAD -> master)
Author: Tanmay Soni <sonitanmay16@gmail.com>
Date:   Fri Jun 10 16:00:02 2022 +0530
```


Name: Tanmay Soni
Discord: Tanmay#2243

Roll Number : CH.EN.U4CYS20074

```
MINGW64/c/Users/Tanmay/Cognizance
Cognizance/

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git log
commit 90786f176211b7eb06629c4ec534d9a4f5bc72b2 (HEAD -> master)
Author: Tanmay Soni <sonitanmay16@gmail.com>
Date: Fri Jun 10 16:00:02 2022 +0530

    added file to the project

commit 8Feb0e9777a86f7f825637b6d906c7977e888376 (branch1)
Author: Tanmay Soni <sonitanmay16@gmail.com>
Date: Fri Jun 10 15:43:07 2022 +0530

    edited branchfile.txt

commit 633859c5ad38a93c92caf2c84c464156e4113219
Author: Tanmay Soni <sonitanmay16@gmail.com>
Date: Fri Jun 10 15:33:23 2022 +0530

    commit executed successfully

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git reset
$ git log
commit 90786f176211b7eb06629c4ec534d9a4f5bc72b2 (HEAD -> master)
Author: Tanmay Soni <sonitanmay16@gmail.com>
Date: Fri Jun 10 16:00:02 2022 +0530

    added file to the project

commit 8Feb0e9777a86f7f825637b6d906c7977e888376 (branch1)
Author: Tanmay Soni <sonitanmay16@gmail.com>
Date: Fri Jun 10 15:43:07 2022 +0530

    edited branchfile.txt

commit 633859c5ad38a93c92caf2c84c464156e4113219
Author: Tanmay Soni <sonitanmay16@gmail.com>
Date: Fri Jun 10 15:33:23 2022 +0530

    commit executed successfully

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ |
```

Git rebase:

```
MINGW64/c/Users/Tanmay/Cognizance

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git checkout -b branch2
Switched to a new branch 'branch2'
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (branch2)
$ touch newFile1.txt
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (branch2)
$ git add newFile1.txt
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (branch2)
$ git commit -m "for branch2"
[branch2 961a5ba] for branch2
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 newFile1.txt
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (branch2)
$ git checkout master
Switched to branch 'master'
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Cognizance/
    newFile2.txt

nothing added to commit but untracked files present (use "git add" to track)
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ touch newFile1.txt
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git add newFile1.txt
```


Name: Tanmay Soni
Discord: Tanmay#2243

Roll Number : CH.EN.U4CYS20074

```
MINGW64/c/Users/Tanmay/Cognizance
$ git commit -m "for branch2"
[branch2 961a5ba] for branch2
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 newfile1.txt

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (branch2)
$ git checkout master
Switched to branch 'master'

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Cognizance/
    newfile2.txt

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

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ touch newfile1.txt

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git add newfile1.txt

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git commit -m "in master"
bash: st: command not found

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git commit -m "in master"
[master 2f70b6a] in master
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 newfile1.txt

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git log --oneline
2f70b6a (HEAD -> master) in master
90786f1 added file to the project
8feb0e9 (branch1) edited branchfile.txt
633859c commit executed successfully

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git rebase master
Current branch master is up to date.

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$
```

Git Fork:

The screenshot shows a web browser displaying the GitHub repository page for 'tanmay002/Cognizance'. The repository is public and has 1 branch (main) and 0 tags. The file list includes README.md (Initial commit, 3 hours ago), Task-1 (Create Task-1, 3 hours ago), and samplefile.txt (text file, 44 minutes ago). The README.md content is visible, showing the title 'Cognizance'. The right sidebar shows the repository's statistics: 0 stars, 1 watching, and 0 forks. A message at the top right states: 'Cannot fork because you own this repository and are not a member of any organizations.'

Name: Tanmay Soni
Discord: Tanmay#2243

Roll Number : CH.EN.U4CYS20074

```
MINGW64/c/Users/Tanmay/Cognizance
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ gh repo fork tanmay002/cognizance
bash: gh: command not found

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git repo fork tanmay002/cognizance
git: 'repo' is not a git command. See 'git --help'.

The most similar commands are
  grep
  reflog
  remote
  rebase

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git repo fork https://github.com/tanmay002/cognizance.git --clone
git: 'repo' is not a git command. See 'git --help'.

The most similar commands are
  grep
  reflog
  remote
  rebase

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ gh repo fork https://github.com/tanmay002/cognizance.git --clone
bash: gh: command not found

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ cd
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~
$ gh repo fork https://github.com/tanmay002/cognizance.git --clone
bash: gh: command not found

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~
$ cd Cognizance
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ gh repo fork https://github.com/tanmay002/cognizance.git --clone
bash: gh: command not found

Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ git remote -v
Tanmay@LAPTOP-SLS99QG7 MINGW64 ~/Cognizance (master)
$ |
```

40°C
Partly sunny

16:39
10/06/2022