NAME- NAMAN CHAUHAN

ROLL NUMBER- 21030

1)

MINGW64:/c/Users/naman/OneDrive/Desktop — □ X

```
naman@NC MINGW64 ~/OneDrive/Desktop (master)
$ git config user.name "theNamanchauhan"

naman@NC MINGW64 ~/OneDrive/Desktop (master)
$ git config user.email "namanchauhan200293@gmail.com"
```

MINGW64:/c/Users/naman/OneDrive/Desktop/Cognizance

```
naman@NC MINGW64 ~/OneDrive/Desktop (master)
$ mkdir Cognizance
naman@NC MINGW64 ~/OneDrive/Desktop (master)
$ cd Cognizance
```

2)

add

```
naman@NC MINGW64 ~/OneDrive/Desktop/Cognizance (master)
$ git init
Initialized empty Git repository in C:/Users/naman/OneDrive/Desktop/Cognizance/.
git/

naman@NC MINGW64 ~/OneDrive/Desktop/Cognizance (master)
$ git add "Task 1"
```

commit

```
naman@NC MINGW64 ~/OneDrive/Desktop/Cognizance (master)
$ git commit -m "Initial commit"
[master (root-commit) 798655f] Initial commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 Task 1/Html.txt

naman@NC MINGW64 ~/OneDrive/Desktop/Cognizance (master)
$ git remote add origin https://github.com/theNamanchauhan/Cognizance.git
```

push

```
naman@NC MINGW64 ~/OneDrive/Desktop/Cognizance (master)
$ git push -u origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Writing objects: 100% (4/4), 258 bytes | 129.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/theNamanchauhan/Cognizance.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
```

checkout -b

```
naman@NC MINGW64 ~/OneDrive/Desktop/Cognizance (master)
$ git checkout -b Branch1
Switched to a new branch 'Branch1'
```

checkout

```
naman@NC MINGW64 ~/OneDrive/Desktop/Cognizance (Branch1)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
```

clone

```
naman@NC MINGW64 ~/OneDrive/Desktop/Cognizance (master)
$ git clone https://github.com/theNamanchauhan/Cognizance.git
Cloning into 'Cognizance'...
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Total 4 (delta 0), reused 4 (delta 0), pack-reused 0
Receiving objects: 100% (4/4), done.
```

fetch

```
naman@NC MINGW64 ~/OneDrive/Desktop/Cognizance (master)
$ git fetch
remote: Enumerating objects: 7, done.
remote: Counting objects: 100% (7/7), done.
remote: Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (4/4), 686 bytes | 52.00 KiB/s, done.
From https://github.com/theNamanchauhan/Cognizance
   798655f..9802fad  master     -> origin/master
```

```
naman@NC MINGW64 ~/OneDrive/Desktop/Cognizance (master)
$ git checkout Branch1
Switched to branch 'Branch1'

naman@NC MINGW64 ~/OneDrive/Desktop/Cognizance (Branch1)
$ touch file.txt

naman@NC MINGW64 ~/OneDrive/Desktop/Cognizance (Branch1)
$ git add "file.txt"

naman@NC MINGW64 ~/OneDrive/Desktop/Cognizance (Branch1)
$ git commit -m "second commit"
[Branch1 ae4ffde] second commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 file.txt

naman@NC MINGW64 ~/OneDrive/Desktop/Cognizance (Branch1)
$ git remote add origin https://github.com/theNamanchauhan/Cognizance.git
error: remote origin already exists.

naman@NC MINGW64 ~/OneDrive/Desktop/Cognizance (Branch1)
$ git push -u origin Branch1
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 278 bytes | 278.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'Branch1' on GitHub by visiting:
remote:      https://github.com/theNamanchauhan/Cognizance/pull/new/Branch1
remote:
To https://github.com/theNamanchauhan/Cognizance.git
 * [new branch]      Branch1 -> Branch1
branch 'Branch1' set up to track 'origin/Branch1'.

naman@NC MINGW64 ~/OneDrive/Desktop/Cognizance (Branch1)
$ git merge Branch1
Already up to date.

naman@NC MINGW64 ~/OneDrive/Desktop/Cognizance (Branch1)
$ git checkout master
Switched to branch 'master'
```

merge

```
naman@NC MINGW64 ~/OneDrive/Desktop/Cognizance (Branch1)
$ git checkout master
Switched to branch 'master'
Your branch is behind 'origin/master' by 1 commit, and can be fast-forwarded.
  (use "git pull" to update your local branch)

naman@NC MINGW64 ~/OneDrive/Desktop/Cognizance (master)
$ git merge Branch1
Updating 798655f..ae4ffde
Fast-forward
 file.txt | 0
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 file.txt
```

pull

```
naman@NC MINGW64 ~/OneDrive/Desktop/Cognizance (master)
$ git pull
Merge made by the 'ort' strategy.
 Task 1/Html.txt | 1 +
 1 file changed, 1 insertion(+)
```

reset

```
naman@NC MINGW64 ~/OneDrive/Desktop/Cognizance (master)
$ git reset --hard
HEAD is now at 3e06f34 Merge branch 'master' of https://github.com/theNamanchauhan/Cognizance
```

rebase

```
naman@NC MINGW64 ~/OneDrive/Desktop/Cognizance (master)
$ git rebase
Successfully rebased and updated refs/heads/master.
```

commit -a

```
naman@NC MINGW64 ~/OneDrive/Desktop/Cognizance (master)
$ touch file1.txt

naman@NC MINGW64 ~/OneDrive/Desktop/Cognizance (master)
$ git add "file1.txt"

naman@NC MINGW64 ~/OneDrive/Desktop/Cognizance (master)
$ touch file2.txt

naman@NC MINGW64 ~/OneDrive/Desktop/Cognizance (master)
$ git add "file2.txt"

naman@NC MINGW64 ~/OneDrive/Desktop/Cognizance (master)
$ git commit -a
[master 8d86662] CHANGES MADE
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 file1.txt
 create mode 100644 file2.txt
```
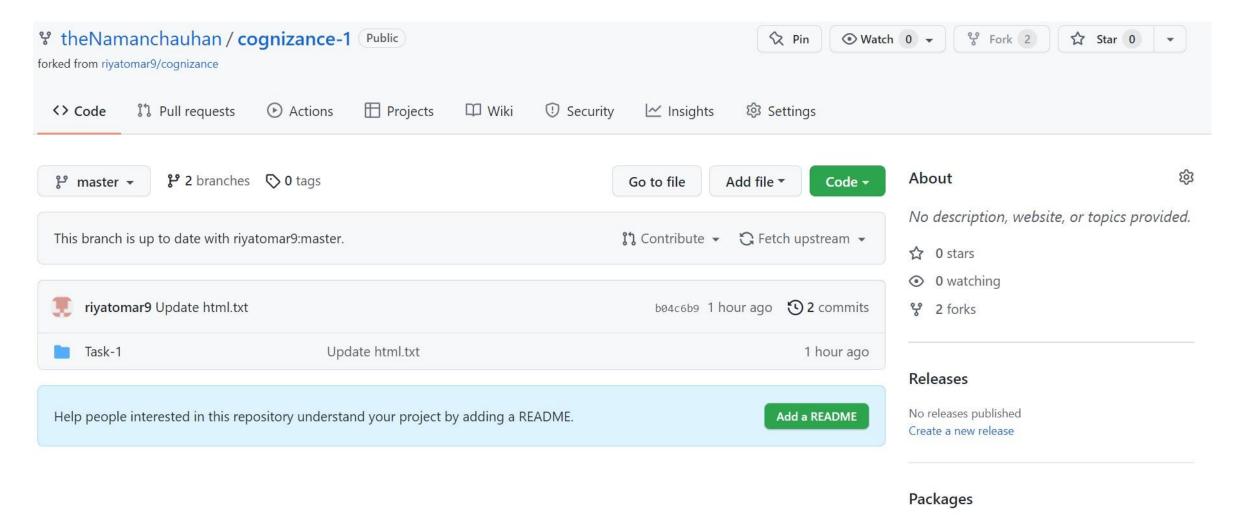
commit

```
naman@NC MINGW64 ~/OneDrive/Desktop/Cognizance (master)
$ git commit
[master 8e87dd2] CHANGES MADE
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 new.txt
```

fork

3)

```
naman@NC MINGW64 ~/OneDrive/Desktop (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-proces
s
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/ming
w64/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 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:/Program Files/Git/etc/gitconfig init.defaultbranch=master
file:C:/Users/naman/.gitconfig  user.name=theNamanchauhan
file:C:/Users/naman/.gitconfig  user.email=namanchauhan200293@gmail.com
file:.git/config        core.repositoryformatversion=0
file:.git/config        core.filemode=false
file:.git/config        core.bare=false
file:.git/config        core.logallrefupdates=true
:...skipping...
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 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/naman/.gitconfig  user.name=theNamanchauhan
file:C:/Users/naman/.gitconfig  user.email=namanchauhan200293@gmail.com
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
```