

TASK-1

```
Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (main)
$ git init
Initialized empty Git repository in C:/Users/Priyanka sarraf/OneDrive/Desktop/get config/.git/

Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (master)
$ git add task1

Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (master)
$ git commit -m "first commit"
[master (root-commit) 3263f33] first commit
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 task1/priyanka.txt
 create mode 100644 task1/program.txt

Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (master)
$ git remote add origin https://github.com/Priyanka777777/Cognizance.git

Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (master)
$ git push -u origin master
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% (4/4), 270 bytes | 54.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Priyanka777777/Cognizance.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.

Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (master)
$
```

TASK-2

The screenshot shows the GitHub interface for a repository named 'Cognizance' by user 'Priyanka777777'. The repository is public. The main navigation bar includes links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. Below the navigation bar, the repository details are shown: 'master' branch, 1 branch, 0 tags. There are buttons for 'Go to file', 'Add file', and 'Code'. The commit history shows a single commit by 'Priyanka777777' with the message 'first commit' at 3263f33, made 4 minutes ago. A file named 'task1' is listed under this commit. A prompt encourages adding a README. On the right sidebar, the 'About' section shows 0 stars, 1 watching, and 0 forks. The 'Releases' section shows no published releases. The 'Packages' section shows no published packages.

TASK-3

2. git add

```
Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (master)
$ touch file.txt

Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (master)
$ git add file.txt

Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (master)
$ |
```

3.git commit

```
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 4 (delta 0), reused 4 (delta 0), pack-reused 0
Receiving objects: 100% (4/4), done.

Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (master)
$ git commit
[master 796f708] CHANGES MADE
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 file.txt

Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (master)
$ |
```

4.check out

```
Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (master)
$ git checkout -b priyanka
Switched to a new branch 'priyanka'

Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (priyanka)
$ git checkout master
Switched to branch 'master'
A       file.txt
Your branch is up to date with 'origin/master'.

Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (master)
$ |
```

7.git clone

```
your branch is up to date with 'origin/master'.

Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (master)
$ git clone https://github.com/Priyanka7777777/Cognizance.git
Cloning into 'Cognizance'...
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 4 (delta 0), reused 4 (delta 0), pack-reused 0
Receiving objects: 100% (4/4), done.

Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (master)
$ |
```

8.git commit-a

```
$ touch anjali.txt

Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (master)
$ git add anjali.txt

Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (master)
$ git commit -a
[master 2bb52e9] CHANGES MADE
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 anjali.txt
create mode 100644 pinky.txt

Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (master)
$ |
```

9.git fetch

```
create mode 100644 pinky.txt

Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (master)
$ git fetch origin
remote: Enumerating objects: 7, done.
remote: Counting objects: 100% (7/7), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (4/4), 706 bytes | 47.00 KiB/s, done.
From https://github.com/Priyanka7777777/Cognizance
3263f33..d3afc55 master -> origin/master

Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (master)
$ |
```

10.Git merge

```
Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (priyanka)
$ git checkout master
Switched to branch 'master'
Your branch and 'origin/master' have diverged,
and have 2 and 1 different commits each, respectively.
(use "git pull" to merge the remote branch into yours)

Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (master)
$ git merge priyanka
Merge made by the 'ort' strategy.
anuraj.txt | 0
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 anuraj.txt

Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (master)
$ |
```

11.Git pull

```
Merge made by the 'ort' strategy.
anuraj.txt | 0
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 anuraj.txt

Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (master)
$ git pull
Merge made by the 'ort' strategy.
task1/program.txt | 1 +
1 file changed, 1 insertion(+)

Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (master)
$ |
```

12.git push

```
$ git push
Enumerating objects: 11, done.
Counting objects: 100% (11/11), done.
Delta compression using up to 8 threads
Compressing objects: 100% (8/8), done.
Writing objects: 100% (8/8), 1018 bytes | 1018.00 KiB/s, done.
Total 8 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), done.
To https://github.com/Priyanka777777/Cognizance.git
d3afc55..5eb0b82 master -> master

Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (master)
$
```

13.git reset

```
Delta compression using up to 8 threads
Compressing objects: 100% (8/8), done.
Writing objects: 100% (8/8), 1018 bytes | 1018.00 KiB/s, done.
Total 8 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), done.
To https://github.com/Priyanka777777/Cognizance.git
d3afc55..5eb0b82 master -> master

Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (master)
$ git reset --hard
HEAD is now at 5eb0b82 Merge branch 'master' of https://github.com/Priyanka777777/Cognizance

Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (master)
$
```

14.git rebase

```
remote: Resolving deltas: 100% (2/2), done.
To https://github.com/Priyanka777777/Cognizance.git
d3afc55..5eb0b82 master -> master

Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (master)
$ git reset --hard
HEAD is now at 5eb0b82 Merge branch 'master' of https://github.com/Priyanka777777/Cognizance

Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (master)
$ git rebase master
Current branch master is up to date.

Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (master)
$
```

15.git config - -list -show-origin

```
Priyanka sarraf@LAPTOP-2JU357L6 MINGW64 ~/OneDrive/Desktop/get config (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 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/Priyanka sarraf/.gitconfig filter.lfs.smudge=git-lfs smudge -- %f
file:C:/Users/Priyanka sarraf/.gitconfig filter.lfs.process=git-lfs filter-process
file:C:/Users/Priyanka sarraf/.gitconfig filter.lfs.required=true
file:C:/Users/Priyanka sarraf/.gitconfig filter.lfs.clean=git-lfs clean -- %f
file:C:/Users/Priyanka sarraf/.gitconfig user.email=sarafpriyanka434@gmail.com
file:C:/Users/Priyanka sarraf/.gitconfig user.name=priyanka777777
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/Priyanka777777/Cognizance.git
file:.git/config remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
file:.git/config branch.master.remote=origin
file:.git/config branch.master.merge=refs/heads/master
file:.git/config branch.priyanka.remote=origin
file:.git/config branch.priyanka.merge=refs/heads/priyanka
```

20.Git fork

