

GIT Commands for Task 1

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Creating a repository

```
sanjevr@sanjevs-MacBook-Pro programming % mkdir Git
sanjevr@sanjevs-MacBook-Pro programming % cd Git
sanjevr@sanjevs-MacBook-Pro Git % git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m <name>
Initialized empty Git repository in /Users/sanjevr/Desktop/programming/Git/.git/
sanjevr@sanjevs-MacBook-Pro Git % git clone https://github.com/Sanjev05/Cognizance.git
Cloning into 'Cognizance'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.
sanjevr@sanjevs-MacBook-Pro Git %
```

Creating a Task-1 folder in the repository

```
sanjevr@sanjevs-MacBook-Pro Git % ls
Cognizance
sanjevr@sanjevs-MacBook-Pro Git % cd Cognizance
sanjevr@sanjevs-MacBook-Pro Cognizance % mkdir Task-1
sanjevr@sanjevs-MacBook-Pro Cognizance % cd Task-1
sanjevr@sanjevs-MacBook-Pro Task-1 %
```

Git add

```
sanjevr@sanjevs-MacBook-Pro Task-1 % touch file1.txt
sanjevr@sanjevs-MacBook-Pro Task-1 % touch file2.txt
sanjevr@sanjevs-MacBook-Pro Task-1 % git add file1.txt
sanjevr@sanjevs-MacBook-Pro Task-1 % git add file2.txt
sanjevr@sanjevs-MacBook-Pro Task-1 %
```

Git status

```
sanjevr@sanjevs-MacBook-Pro Task-1 % git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   file1.txt
        new file:   file2.txt

sanjevr@sanjevs-MacBook-Pro Task-1 %
```

Git commit

```
sanjevr@sanjevs-MacBook-Pro Task-1 % git commit -m"This is a commit"
[main 945a664] This is a commit
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 Task-1/file1.txt
 create mode 100644 Task-1/file2.txt
sanjevr@sanjevs-MacBook-Pro Task-1 %
```

Git push

```
sanjevr@sanjevs-MacBook-Pro Task-1 % git push
Username for 'https://github.com': Sanjev05
Password for 'https://Sanjev05@github.com':
Enumerating objects: 8, done.
Counting objects: 100% (8/8), done.
Delta compression using up to 8 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (7/7), 1016 bytes | 1016.00 KiB/s, done.
Total 7 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Sanjev05/Cognizance.git
 c01e391..a94ae59  main -> main
```

Git pull

```
sanjevr@sanjevs-MacBook-Pro Task-1 % git pull https://github.com/Sanjev05/Cognizance.git
From https://github.com/Sanjev05/Cognizance
 * branch      HEAD      -> FETCH_HEAD
Already up to date.
sanjevr@sanjevs-MacBook-Pro Task-1 %
```

```
sanjevr@sanjevs-MacBook-Pro Cognizance % git pull origin main
From https://github.com/Sanjev05/Cognizance
 * branch      main      -> FETCH_HEAD
Already up to date.
sanjevr@sanjevs-MacBook-Pro Cognizance %
```

Git fetch

```
sanjevr@sanjevs-MacBook-Pro Task-1 % git fetch
sanjevr@sanjevs-MacBook-Pro Task-1 %
```

Git reset

Git merge

```
sanjevr@sanjevs-MacBook-Pro Task-1 % git merge
Already up to date.
sanjevr@sanjevs-MacBook-Pro Task-1 %
```

Git rebase

```
sanjevr@sanjevs-MacBook-Pro Task-1 % git rebase
Current branch main is up to date.
sanjevr@sanjevs-MacBook-Pro Task-1 %
```

Git commit -a

```
sanjevr@sanjevs-MacBook-Pro Task-1 % git commit -a
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
sanjevr@sanjevs-MacBook-Pro Task-1 %
```

Git clone

```
sanjevr@sanjevs-MacBook-Pro Git % git clone https://github.com/Sanjev05/Cognizance.git
Cloning into 'Cognizance'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.
sanjevr@sanjevs-MacBook-Pro Git %
```

Git checkout

```
sanjevr@sanjevs-MacBook-Pro Cognizance % git checkout
Your branch is up to date with 'origin/main'.
sanjevr@sanjevs-MacBook-Pro Cognizance %
```

Git checkout -b

```
sanjevr@sanjevs-MacBook-Pro Git % git checkout -b Branch-2
Switched to a new branch 'Branch-2'
```

git config --list --show-

```
sanjevr@sanjevs-MacBook-Pro Cognizance % git config --list --show-origin
file:/opt/local/etc/gitconfig credential.helper=osxkeychain
file:/Users/sanjevr/.gitconfig user.name=Sanjev05
file:/Users/sanjevr/.gitconfig user.email=sanjevrv@gmail.com
file:/Users/sanjevr/.gitconfig filter.lfs.required=true
file:/Users/sanjevr/.gitconfig filter.lfs.clean=git-lfs clean -- %f
file:/Users/sanjevr/.gitconfig filter.lfs.smudge=git-lfs smudge -- %f
file:/Users/sanjevr/.gitconfig filter.lfs.process=git-lfs filter-process
file:./.git/config core.repositoryformatversion=0
file:./.git/config core.filemode=true
file:./.git/config core.bare=false
file:./.git/config core.logallrefupdates=true
file:./.git/config core.ignorecase=true
file:./.git/config core.precomposeunicode=true
file:./.git/config remote.origin.url=https://github.com/Sanjev05/Cognizance.git
file:./.git/config remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
file:./.git/config branch.main.remote=origin
file:./.git/config branch.main.merge=refs/heads/main
sanjevr@sanjevs-MacBook-Pro Cognizance %
```

git fork

Cognizance

Public

Cognizance-

Forked from Tharaniesh3/Cognizance-

Public