

# Task-1 (Cognizance club)

-Keerthinathan A

## git clone

```
KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~  
$ git clone https://github.com/KEERTHINATHAN08/Task1  
Cloning into 'Task1'...  
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.
```

## Touch and git add

```
KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~  
$ cd Task1  
  
KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)  
$ ls  
README.md  
  
KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)  
$ touch text.txt  
  
KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)  
$ git status  
On branch main  
Your branch is up to date with 'origin/main'.  
  
Untracked files:  
  (use "git add <file>..." to include in what will be committed)  
    text.txt  
  
nothing added to commit but untracked files present (use "git add" to track)  
  
KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)  
$ git add text.txt  
  
KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)  
$ 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:   text.txt
```

```
KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)  
$ touch doc.txt  
  
KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)  
$ git add doc.txt  
  
KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)  
$ 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:   doc.txt  
    new file:   text.txt
```

## git commit

```
KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)  
$ git commit -m "this is first commit"  
[main 0c44559] this is first commit  
2 files changed, 0 insertions(+), 0 deletions(-)  
create mode 100644 doc.txt  
create mode 100644 text.txt  
  
KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)  
$ git log  
commit 0c4455955aa88b63d0382e1c8c07aad5b0c1b3c (HEAD -> main)  
Author: keerthinathan08 <ch.en.u4aie211210ch.students.amrita.edu>  
Date:   Tue Feb 15 21:58:58 2022 +0530  
  
    this is first commit  
  
commit 39d6c247232c4df53c5c9e2e5a9f22e829f4f716 (origin/main, origin/HEAD)  
Author: KEERTHINATHAN08 <99631664+KEERTHINATHAN08@users.noreply.github.com>  
Date:   Tue Feb 15 21:45:26 2022 +0530  
  
    Initial commit
```

## git push

```
KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)
$ git push
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), 302 bytes | 151.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
to https://github.com/KEERTHINATHAN08/Task1
39d6e24..0c44519 main -> main

KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)
$ ls
README.md doc.txt text.txt
```

## git branch,git checkout

```
KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)
$ git branch
* main

KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)
$ git checkout
Your branch is up to date with 'origin/main'.

KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)
$ git branch branch0

KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)
$ git branch
* main
  branch0

KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)
$ touch app.py

KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)
$ ls
README.md app.py doc.txt text.txt

KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)
$ git add .
```

```
KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)
$ git commit -m "add a file"
(main 096734e) add a file
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 app.py

KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)
$ ls
README.md app.py doc.txt text.txt

KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)
$ git log
commit b967b6e4b09b8a16474105de7f5f0cc4217eafaf (HEAD -> main)
Author: keertihinathan08 <ch.en.u4aie211218ch.students.amrita.edu>
Date: Tue Feb 15 22:10:49 2022 +0530

    add a file

commit 0c4451955aa88b63d0382ee1c8c07aad5b9c1b3c (origin/main, origin/HEAD, branch0)
Author: keertihinathan08 <ch.en.u4aie211218ch.students.amrita.edu>
Date: Tue Feb 15 21:55:18 2022 +0530

    this is first commit

commit 39d6e247232c4df53c5c3e2e5a9f22e829f4f716
Author: KEERTHINATHAN08 <99631664-KEERTHINATHAN08@users.noreply.github.com>
Date: Tue Feb 15 21:45:26 2022 +0530

    Initial commit
```

## git fetch

```
KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)
$ git fetch --all
Fetching origin
```

## git rebase,git checkout

```
KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)
$ git rebase main
Current branch main is up to date.

KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)
$ git checkout branch0
Switched to branch 'branch0'

KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (branch0)
$ git rebase branch0
Current branch branch0 is up to date.

KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (branch0)
$
```

📄 README.md	Initial commit	31 minutes ago
📄 app.py	add a file	6 minutes ago
📄 doc.txt	this is first commit	17 minutes ago
📄 text.txt	this is first commit	17 minutes ago

## git reset

```
KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)
$ git reset

KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)
$ git status
on branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)
$
```

## git init

```
KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)
$ git init
Reinitialized existing Git repository in C:/Users/KEERTHINATHAN/Task1/.git/
```

## git config --list --show-origin

```
KEERTHINATHAN@DESKTOP-PKVS190 MINGW64 ~/Task1 (main)
$ 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.fsmonitor=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/KEERTHINATHAN/.gitconfig user.name=keertthinathan08
file:C:/Users/KEERTHINATHAN/.gitconfig user.email=ch.en.04a1e211218ch.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/KEERTHINATHAN08/Task1
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
```