

# GIT Task-1

## Git add

```
jayan@Jayanth MINGW64 ~/desktop/files/amrita/cognizance/task-1 (main)
$ git add UniformRandomDistribution.mlapp

jayan@Jayanth MINGW64 ~/desktop/files/amrita/cognizance/task-1 (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:   UniformRandomDistribution.mlapp
```

## Git commit

```
jayan@Jayanth MINGW64 ~/desktop/files/amrita/cognizance/task-1 (main)
$ got commit -m "First Commit"
bash: got: command not found

jayan@Jayanth MINGW64 ~/desktop/files/amrita/cognizance/task-1 (main)
$ git commit -m "First Commit"
[main cb7a0e6] First Commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 UniformRandomDistribution.mlapp
```

## Git Push

```
$ git push -u origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 27.35 KiB | 27.35 MiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Jayanth-Adhitya1/Cognizancetask.git
   c19aa46..cb7a0e6  main -> main
branch 'main' set up to track 'origin/main'.

jayan@Jayanth MINGW64 ~/desktop/files/amrita/cognizance/task-1 (main)
```

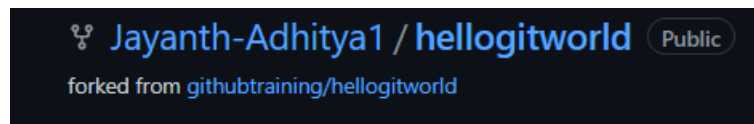
## Git Rebase

```
jayan@Jayanth MINGW64 ~/desktop/files/amrita/cognizance/task-1 (main)
$ git rebase branch1
Successfully rebased and updated refs/heads/main.
```

## Git Checkout

```
jayan@Jayanth MINGW64 ~/desktop/files/amrita/cognizance/task-1 (main)
$ git checkout branch1
Switched to branch 'branch1'
```

Fork



Git config --list --show -origin

```
jayan@Jayanth MINGW64 ~/desktop/files/amrita/cognizance/task-1 (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.fsckcache=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.usehttpath=true
file:C:/Program Files/Git/etc/gitconfig init.defaultbranch=master
file:C:/Users/jayan/.gitconfig user.name=Jayanth Adhitya
file:C:/Users/jayan/.gitconfig user.email=jayanth2512@gmail.com
file:C:/Users/jayan/.gitconfig filter.lfs.clean=git-lfs clean -- %f
file:C:/Users/jayan/.gitconfig filter.lfs.smudge=git-lfs smudge -- %f
file:C:/Users/jayan/.gitconfig filter.lfs.process=git-lfs filter-process
file:C:/Users/jayan/.gitconfig filter.lfs.required=true
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/Jayanth-Adhitya1/Cognizancetask.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
```

```
jayan@Jayanth MINGW64 ~/desktop/files/amrita/cognizance/task-1 (main)
$
```

Git Fetch

```
jayan@Jayanth MINGW64 ~/desktop/files/amrita/cognizance/task-1 (branch1)
$ git fetch
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 5 (delta 1), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (5/5), 1.22 KiB | 139.00 KiB/s, done.
From https://github.com/Jayanth-Adhitya1/Cognizancetask
   c625c3f..0470f2b  main       -> origin/main
```