



GIT BASH COMMANDS

NAME: SIDDHARTH S

BRANCH: CSE-AIE

CREATING REPOSITORY

```
Siddharth Saravanan@LAPTOP-M9IVJ1CN MINGW64 ~ (master)
$ mkdir Cognizance

Siddharth Saravanan@LAPTOP-M9IVJ1CN MINGW64 ~ (master)
$ cd Cognizance

Siddharth Saravanan@LAPTOP-M9IVJ1CN MINGW64 ~/Cognizance (master)
$ git init
Initialized empty Git repository in C:/Users/13025/Cognizance/.git/
```

CREATING FOLDER WITH NAME TASK-1 AND USING ADD COMMAND

```
Siddharth Saravanan@LAPTOP-M9IVJ1CN MINGW64 ~/Cognizance (master)
$ mkdir Task-1

Siddharth Saravanan@LAPTOP-M9IVJ1CN MINGW64 ~/Cognizance (master)
$ git add .
```

USING COMMIT COMMAND AND PUSHING TO GITHUB

```
Siddharth Saravanan@LAPTOP-M9IVJ1CN MINGW64 ~/Cognizance (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   Task-1/Test1.txt

Siddharth Saravanan@LAPTOP-M9IVJ1CN MINGW64 ~/Cognizance (master)
$ git commit -m "cag"
[master (root-commit) ec91b99] cag
 1 file changed, 1 insertion(+)
 create mode 100644 Task-1/Test1.txt

Siddharth Saravanan@LAPTOP-M9IVJ1CN MINGW64 ~/Cognizance (master)
$ git remote add origin https://github.com/Siddy2004/Cogni-zance.git

Siddharth Saravanan@LAPTOP-M9IVJ1CN MINGW64 ~/Cognizance (master)
$ git push origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Writing objects: 100% (4/4), 252 bytes | 252.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Siddy2004/Cogni-zance.git
 * [new branch]      master -> master
```

GIT CHECKOUT COMMAND

```
Siddharth Saravanan@LAPTOP-M9IVJ1CN MINGW64 ~/Cognizance (master)
$ git checkout -b backup
Switched to a new branch 'backup'

Siddharth Saravanan@LAPTOP-M9IVJ1CN MINGW64 ~/Cognizance (backup)
$ git push origin backup
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'backup' on GitHub by visiting:
remote:   https://github.com/Siddy2004/Cogni-zance/pull/new/backup
remote:
To https://github.com/Siddy2004/Cogni-zance.git
 * [new branch]      backup -> backup
```

GIT CLONE COMMAND

```
Siddharth Saravanan@LAPTOP-M9IVJ1CN MINGW64 ~/Cognizance (backup)
$ git checkout master
Switched to branch 'master'

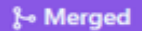
Siddharth Saravanan@LAPTOP-M9IVJ1CN MINGW64 ~/Cognizance (master)
$ git clone https://github.com/Keerthana1208/Cognizance.git
Cloning into 'Cognizance'...
remote: Enumerating objects: 29, done.
remote: Counting objects: 100% (29/29), done.
remote: Compressing objects: 100% (11/11), done.
remote: Total 29 (delta 0), reused 4 (delta 0), pack-reused 0
Receiving objects: 100% (29/29), 730.24 KiB | 2.37 MiB/s, done.
```

git fetch COMMAND

```
Siddharth Saravanan@LAPTOP-M9IVJ1CN MINGW64 ~/Cognizance/Task-1 (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), 672 bytes | 16.00 KiB/s, done.
From https://github.com/Siddy2004/Cogni-zance
    ec91b99..d21ce0d  backup    -> origin/backup
```

git merge COMMAND

backup #1



Merged

Siddy2004 merged 2 commits into master

git pull COMMAND

```
Siddharth Saravanan@LAPTOP-M9IVJ1CN MINGW64 ~/Cognizance (backup)
$ git pull https://github.com/Siddy2004/Cognizance.git
remote: Enumerating objects: 12, done.
remote: Counting objects: 100% (12/12), done.
remote: Compressing objects: 100% (6/6), done.
remote: Total 12 (delta 0), reused 7 (delta 0), pack-reused 0
Unpacking objects: 100% (12/12), 1.83 KiB | 14.00 KiB/s, done.
From https://github.com/Siddy2004/Cognizance
* branch      HEAD      -> FETCH_HEAD
fatal: refusing to merge unrelated histories
```

git reset COMMAND

```
Siddharth Saravanan@LAPTOP-M9IVJ1CN MINGW64 ~/Cognizance (master)
$ git init
Reinitialized existing Git repository in C:/Users/13025/Cognizance/.git/

Siddharth Saravanan@LAPTOP-M9IVJ1CN MINGW64 ~/Cognizance (master)
$ git add Test2.txt

Siddharth Saravanan@LAPTOP-M9IVJ1CN MINGW64 ~/Cognizance (master)
$ ls
Cognizance/ Task-1/ Test2.txt

Siddharth Saravanan@LAPTOP-M9IVJ1CN MINGW64 ~/Cognizance (master)
$ git ls-files
Cognizance
Task-1/Test1.txt
Test2.txt

Siddharth Saravanan@LAPTOP-M9IVJ1CN MINGW64 ~/Cognizance (master)
$ git reset Test2.txt

Siddharth Saravanan@LAPTOP-M9IVJ1CN MINGW64 ~/Cognizance (master)
$ git ls-files
Cognizance
Task-1/Test1.txt
```

git rebase COMMAND

```
Siddharth Saravanan@LAPTOP-M9IVJ1CN MINGW64 ~/Cognizance (backup)
$ git rebase master
Successfully rebased and updated refs/heads/backup.
```

git config --list --show-origin COMMAND

```
Siddharth Saravanan@LAPTOP-M9IVJ1CN MINGW64 ~/Cognizance (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/13025/.gitconfig user.email=sidsarvan@gmail.com
file:C:/Users/13025/.gitconfig user.name=Siddy2004
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/Siddy2004/Cogni-zan
ce.git
file:./git/config remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
```


The background features a dark blue field on the right and a light blue field on the left, separated by a diagonal line. This line is composed of a series of thin, parallel, slightly wavy lines in a medium blue color, creating a textured effect.

THANK YOU