

Task 1[Git & GitHub]

#Git operations
Basic operations

git add

```
yeshw@DESKTOP-OSRNAUL MINGW64 ~/OneDrive/Desktop/github_/cognizance/Task-1 (main)
$ git add -A
```

git checkout

```
yeshw@DESKTOP-OSRNAUL MINGW64 ~/OneDrive/Desktop/github_/cognizance/Task-1 (main)
$ git checkout contact.html
Updated 1 path from the index
```

```
yeshw@DESKTOP-OSRNAUL MINGW64 ~/OneDrive/Desktop/github_/cognizance/Task-1 (yeshwanth)
$ git checkout main
Switched to branch 'main'
```

git checkout -b

```
yeshw@DESKTOP-OSRNAUL MINGW64 ~/OneDrive/Desktop/github_/cognizance/Task-1 (main)
$ git checkout -b yeshwanth
Switched to a new branch 'yeshwanth'
```

git clone

```
yeshw@DESKTOP-OSRNAUL MINGW64 ~/OneDrive/Desktop/github_/cognizance/Task-1 (yeshwanth)
$ git clone https://github.com/yeshwanthsai491/Cognizance.git clone
Cloning into 'clone'...
warning: You appear to have cloned an empty repository.
```

git commit

```
yeshw@DESKTOP-OSRNAUL MINGW64 ~/OneDrive/Desktop/github_/cognizance/Task-1 (main)
$ git commit -m "added more html"
main (root-commit) 9e5c8e2] added more html
3 files changed, 12 insertions(+)
create mode 100644 Task-1/index.html
create mode 100644 about.html
```

git commit -a

```
yeshw@DESKTOP-OSRNAUL MINGW64 ~/OneDrive/Desktop/github_/cognizance/Task-1 (main)
$ git commit -a
[main 1613b4f] new file is added
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 yeshwanth.html
```

git fetch

```
yeshw@DESKTOP-OSRNAUL MINGW64 ~/OneDrive/Desktop/github_/cognizance/Task-1 (main)
$ git fetch origin
```

git merge

```
yeshw@DESKTOP-OSRNAUL MINGW64 ~/OneDrive/Desktop/github_/cognizance/Task-1 (main)
$ git merge yeshwanth
Updating 1613b4f..2f3279e
Fast-forward
 amrita.html | 0
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 amrita.html
```

git pull

```
yeshw@DESKTOP-OSRNAUL MINGW64 ~/OneDrive/Desktop/github_/cognizance/Task-1 (main)
$ git pull origin main
From https://github.com/yeshwanthsai491/Cognizance
 * branch      main      -> FETCH_HEAD
Already up to date.
```

git push

```
yeshw@DESKTOP-OSRNAUL MINGW64 ~/OneDrive/Desktop/github_/cognizance/Task-1 (main)
$ git push origin main
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 8 threads
Compressing objects: 100% (7/7), done.
Writing objects: 100% (9/9), 877 bytes | 877.00 KiB/s, done.
Total 9 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), done.
To https://github.com/yeshwanthsai491/Cognizance.git
 * [new branch]      main -> main
```

git reset

```
yeshw@DESKTOP-OSRNAUL MINGW64 ~/OneDrive/Desktop/github_/cognizance/Task-1 (yeshwanth)
$ git reset --soft
```

git rebase

```
yeshw@DESKTOP-OSRNAUL MINGW64 ~/OneDrive/Desktop/github_/cognizance/Task-1 (yeshwanth)
$ git rebase main
Current branch yeshwanth is up to date.
```

git fork



Git command

```
yeshw@DESKTOP-OSRNAUL MINGW64 ~/OneDrive/Desktop/github_/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.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=main
file:C:/Users/yeshw/.gitconfig core.editor=Vim
file:C:/Users/yeshw/.gitconfig user.email=yeshwanthsai491@gmail.com
file:C:/Users/yeshw/.gitconfig user.name=yeshwanthsai491
file:C:/Users/yeshw/.gitconfig alias.co=checkout
file:C:/Users/yeshw/.gitconfig alias.br=branch
file:C:/Users/yeshw/.gitconfig alias.ci=commit
file:C:/Users/yeshw/.gitconfig alias.st=status
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/yeshwanthsai491/Cognizance.git
file:./.git/config remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
file:./.git/config branch.yeshwanth.remote=origin
file:./.git/config branch.yeshwanth.merge=refs/heads/yeshwanth
```