


COGNIZANCE

TASK 1 [GIT & GITHUB]

1.Creating a repository

 MINGW64:/c/Users/Shanmukh/Desktop/Cognizance

```
Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop
$ pwd
/c/Users/Shanmukh/Desktop


Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop
$ mkdir Cognizance

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop
$ cd Cognizance/

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance
$ git init
Initialized empty Git repository in C:/Users/Shanmukh/Desktop/Cognizance/.git/

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (master)
$ |
```

2.git add

 MINGW64:/c/Users/Shanmukh/Desktop/Cognizance

```
Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (master)
$ touch file1.txt

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (master)
$ git add file1.txt
```

3.git status


```
Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   file1.txt

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (master)
$ |
```

4.git commit


 MINGW64:/c/Users/Shanmukh/Desktop/Cognizance

```
Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (master)
$ git checkout master
Already on 'master'

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (master)
$ git checkout -b core
Switched to a new branch 'core'

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$ |
```

5.git checkout


 MINGW64:/c/Users/Shanmukh/Desktop/Cognizance

```
Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (master)
$ git checkout master
Already on 'master'

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (master)
$ git checkout -b core
Switched to a new branch 'core'

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$ |
```


6.git checkout -b

 MINGW64:/c/Users/Shanmukh/Desktop/Cognizance

```
Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$ git checkout -b Team
Switched to a new branch 'Team'

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (Team)
$
```


7.git clone

 MINGW64:/c/Users/Shanmukh/Desktop/Cognizance

```
Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$ git clone https://github.com/shannu21032/Cognizance-Task-1.git
Cloning into 'Cognizance-Task-1'...
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.

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$
```

8.git commit -a


 MINGW64:/c/Users/Shanmukh/Desktop/Cognizance

```
Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$ git commit -a
On branch core
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Cognizance-Task-1/

nothing added to commit but untracked files present (use "git add" to track)

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$ |
```


9.git push

 MINGW64:/c/Users/Shanmukh/Desktop/Cognizance

```
Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$ git push origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 217 bytes | 217.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:   https://github.com/shannu21032/Cognizance-Task-1/pull/new/master
remote:
To https://github.com/shannu21032/Cognizance-Task-1.git
 * [new branch]      master -> master

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$
```


10.git merge

 MINGW64:/c/Users/Shanmukh/Desktop/Cognizance

```
Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$ git merge master
Already up to date.

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$ |
```

11.git pull

 MINGW64:/c/Users/Shanmukh/Desktop/Cognizance

```
Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$ git pull
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 604 bytes | 35.00 KiB/s, done.
From https://github.com/shannu21032/Cognizance-Task-1
* [new branch]      main      -> origin/main
There is no tracking information for the current branch.
Please specify which branch you want to merge with.
See git-pull(1) for details.
```


```
git pull <remote> <branch>
```

If you wish to set tracking information for this branch you can do so with:

```
git branch --set-upstream-to=<remote>/<branch> core
```

```
Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$ |
```

12.git reset

 MINGW64:/c/Users/Shanmukh/Desktop/Cognizance

```
Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$ git reset HEAD file1.txt
```

```
Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$
```

13.git rebase

MINGW64:/c/Users/Shanmukh/Desktop/Cognizance

```
Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$ git rebase master
Current branch core is up to date.
```

```
Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)
$
```

14.git fork

The screenshot shows a web browser window displaying the GitHub profile of user 'shannu21032'. The browser's address bar shows the URL 'https://github.com/shannu21032'. The profile page includes a green and white pixelated avatar, the username 'shannu21032', and a bio 'Joined 20 hours ago'. The 'Overview' tab is selected, showing 'Popular repositories' with 'Cognizance-Task-1' and 'COGNIZANCE-'. The '4 contributions in the last year' section shows a calendar grid with 4 contributions in February 2022. The 'Contribution activity' section shows a commit history for February 2022, including 'Created 1 commit in 1 repository'.

shannu21032

Edit profile

Joined 20 hours ago

Overview Repositories 2 Projects Packages Stars

Popular repositories

Cognizance-Task-1 Public

COGNIZANCE- Public

Forked from kmk61003/COGNIZANCE-

COGNIZANCE - TASK-1

4 contributions in the last year

Contribution settings

Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb

Mon

Wed

Fri

Learn how we count contributions

Less More

Contribution activity

2022

February 2022

Created 1 commit in 1 repository

shannu21032/Cognizance-Task-1 1 commit

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)

\$ 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=master
file:C:/Users/Shanmukh/.gitconfig user.email=shanmukhasai020504@gmail.com
file:C:/Users/Shanmukh/.gitconfig user.name=shannu21032
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.shannu21032.url=https://github.com/shannu21032
file:.git/config remote.shannu21032.fetch=+refs/heads/*:refs/remotes/shannu21032/*
file:.git/config remote.origin.url=https://github.com/shannu21032/Cognizance-Task-1.git
file:.git/config remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
```

Shanmukh@DESKTOP-AC8KTRJ MINGW64 ~/Desktop/Cognizance (core)

\$ |