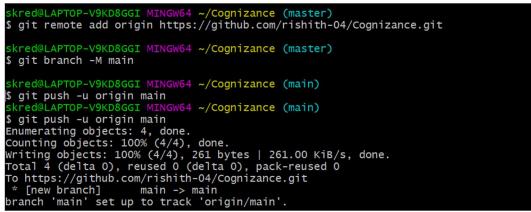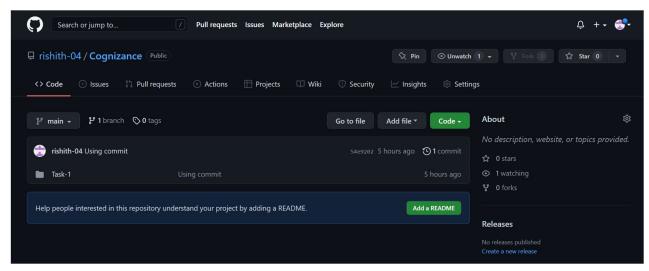**1) Create a repository with name "Cognizance" on GitHub using Git Bash.**

```
skred@LAPTOP-V9KD8GGI MINGW64 ~
$ git init Cognizance
Initialized empty Git repository in C:/Users/skred/Cognizance/.git/

skred@LAPTOP-V9KD8GGI MINGW64 ~
$ cd Cognizance

skred@LAPTOP-V9KD8GGI MINGW64 ~/Cognizance (master)
$ mkdir Task-1

skred@LAPTOP-V9KD8GGI MINGW64 ~/Cognizance (master)
$ git add Task-1
```

```
skred@LAPTOP-V9KD8GGI MINGW64 ~/Cognizance (master)
$ git commit -m "commit changes"
[master (root-commit) 2397992] commit changes
 1 file changed, 1 insertion(+)
 create mode 100644 Task-1/Rishith.txt
```

```
skred@LAPTOP-V9KD8GGI MINGW64 ~/Cognizance (master)
$ git remote add origin https://github.com/rishith-04/Cognizance.git

skred@LAPTOP-V9KD8GGI MINGW64 ~/Cognizance (master)
$ git branch -M main

skred@LAPTOP-V9KD8GGI MINGW64 ~/Cognizance (main)
$ git push -u origin main
skred@LAPTOP-V9KD8GGI MINGW64 ~/Cognizance (main)
$ git push -u origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Writing objects: 100% (4/4), 261 bytes | 261.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/rishith-04/Cognizance.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
```

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About

⚙

No description, website, or topics provided.

rishith-04 Using commit   54e9202 5 hours ago   ⊙ 1 commit

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Task-1   Using commit   5 hours ago

⑂ 0 forks

Help people interested in this repository understand your project by adding a README.   **Add a README**

Releases

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2. Create a folder with name "Task-1" in the repository and perform the Git operations using Git Bash.

```
skred@LAPTOP-V9KD8GGI MINGW64 ~
$ cd Cognizance

skred@LAPTOP-V9KD8GGI MINGW64 ~/Cognizance (master)
$ mkdir Task-1
```

GIT OPERATIONS:

1)GIT ADD

```
skred@LAPTOP-V9KD8GGI MINGW64 ~/cognizance (master)
$ git add rishithfile_1.txt
```

2)Git Checkout

```
skred@LAPTOP-V9KD8GGI MINGW64 ~/cognizance (marsh)
$ git checkout master
Switched to branch 'master'
```

3)Git Checkout –b

```
skred@LAPTOP-V9KD8GGI MINGW64 ~/cognizance (master)
$ git checkout -b marsh
Switched to a new branch 'marsh'
```

4)Git Clone

```
skred@LAPTOP-V9KD8GGI MINGW64 ~/cognizance (master)
$ git clone https://github.com/rishith-04/Cognizance.git
Cloning into 'Cognizance'...
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Total 4 (delta 0), reused 4 (delta 0), pack-reused 0
Receiving objects: 100% (4/4), done.
```

5)Git Commit

```
skred@LAPTOP-V9KD8GGI MINGW64 ~/cognizance (master)
$ git commit -m "my next commit"
[master 7b0a51b] my next commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 rishithfile_1.txt
```

6)Git Commit –a

```
skred@LAPTOP-V9KD8GGI MINGW64 ~/Cognizance (main)
$ git add rishi.txt

skred@LAPTOP-V9KD8GGI MINGW64 ~/Cognizance (main)
$ git commit -m "my first commit from pc"
[main (root-commit) b7f153e] my first commit from pc
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 Rishi.txt
```

7)Git Fetch

```
skred@LAPTOP-V9KD8GGI MINGW64 ~/cognizance (main)
$ git fetch https://github.com/rishith-04/Cognizance.git
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Total 4 (delta 0), reused 4 (delta 0), pack-reused 0
Unpacking objects: 100% (4/4), 241 bytes | 10.00 KiB/s, done.
From https://github.com/rishith-04/Cognizance
 * branch            HEAD        -> FETCH_HEAD
```

8)Git Merge

```
skred@LAPTOP-V9KD8GGI MINGW64 ~/cognizance (main)
$ git merge master
Already up to date.
```

9)Git Pull

```
skred@LAPTOP-V9KD8GGI MINGW64 ~/cognizance (main)
$ git pull https://github.com/rishith-04/Cognizance.git --allow-unrelated-histories
From https://github.com/rishith-04/Cognizance
 * branch            HEAD        -> FETCH_HEAD
Auto-merging Task-1/Rishith.txt
Merge made by the 'ort' strategy.
```
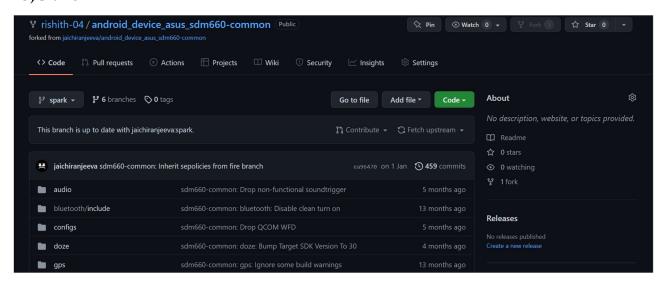
10)Git Push

```
skred@LAPTOP-V9KD8GGI MINGW64 ~/Cognizance (master)
$ git remote add origin https://github.com/rishith-04/Cognizance.git

skred@LAPTOP-V9KD8GGI MINGW64 ~/Cognizance (master)
$ git branch -M main

skred@LAPTOP-V9KD8GGI MINGW64 ~/Cognizance (main)
$ git push -u origin main
skred@LAPTOP-V9KD8GGI MINGW64 ~/Cognizance (main)
$ git push -u origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Writing objects: 100% (4/4), 261 bytes | 261.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/rishith-04/Cognizance.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
```

11)Git Reset

```
skred@LAPTOP-V9KD8GGI MINGW64 ~/cognizance (master)
$ git log --oneline
7b0a51b (HEAD -> master, marsh) my next commit
2397992 commit changes
```

12)Git Rebase

```
skred@LAPTOP-V9KD8GGI MINGW64 ~/cognizance (main)
$ git rebase master
Current branch main is up to date.
```

13)Git Fork

3) Upload the screenshot of the git bash using This command in your computer

git config –list –show-origin

```
skred@LAPTOP-V9KD8GGI 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-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.c
rt
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 core.usebuiltinfsmonitor=true
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/skred/.gitconfig  user.email=skreddy.895@gmail.com
file:C:/Users/skred/.gitconfig  user.name=rishith-04
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
```