

**AMRITA VISHWA VIDYAPEETHAM**

**CHENNAI CAMPUS**

**COGNIZANCE**

**TASK 1 [GIT & GITHUB]**

**NAME : THOTA RISHIKA SREE**

**YEAR : 1**

**DEPARTMENT: CCE**

# git config --list --show

```
rishika@LAPTOP-4BUKKHFD MINGW64 ~/desktop
$ git --version
git version 2.35.1.windows.2

rishika@LAPTOP-4BUKKHFD MINGW64 ~/desktop
$ git config --global user.name "rishika"

rishika@LAPTOP-4BUKKHFD MINGW64 ~/desktop
$ git config --global user.email "ch.en.u4cce21064@ch.students.amrita.edu"

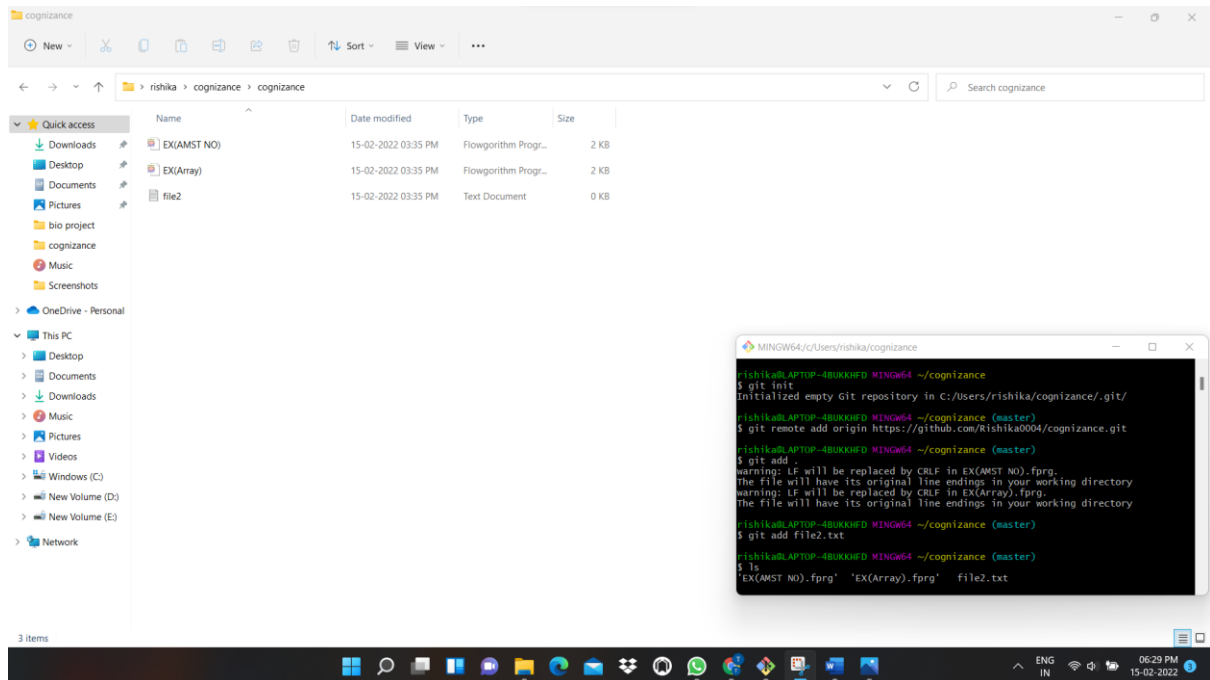
rishika@LAPTOP-4BUKKHFD MINGW64 ~/desktop
$ git config --list --show-origin
file:C:/Program Files/Git/etc/gitconfig diff.astextplain.textconv=astextplain
file:C:/Program Files/Git/etc/gitconfig filter.lfs.clean=git-lfs clean -- %f
file:C:/Program Files/Git/etc/gitconfig filter.lfs.smudge=git-lfs smudge -- %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/rishika/.gitconfig filter.lfs.smudge=git-lfs smudge -- %f
file:C:/Users/rishika/.gitconfig filter.lfs.process=git-lfs filter-process
file:C:/Users/rishika/.gitconfig filter.lfs.required=true
file:C:/Users/rishika/.gitconfig filter.lfs.clean=git-lfs clean -- %f
file:C:/Users/rishika/.gitconfig user.name=rishika
file:C:/Users/rishika/.gitconfig user.email=ch.en.u4cce21064@ch.students.amrita.edu

rishika@LAPTOP-4BUKKHFD MINGW64 ~/desktop
$
```

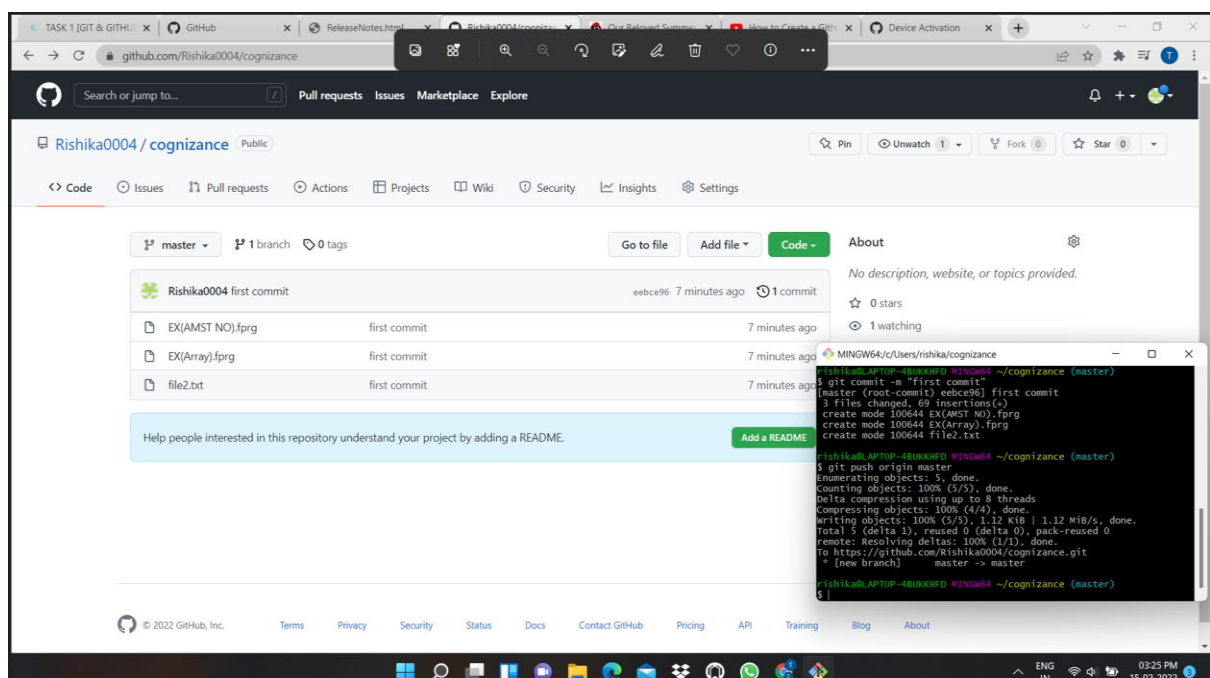
## 1.creating a repistory

```
MINGW64/C:/Users/rishika/cognizance
rishika@LAPTOP-4BUKKHFD MINGW64 ~
$ pwd
/c:/Users/rishika
rishika@LAPTOP-4BUKKHFD MINGW64 ~
$ mkdir cognizance
rishika@LAPTOP-4BUKKHFD MINGW64 ~
$ cd cognizance
rishika@LAPTOP-4BUKKHFD MINGW64 ~/cognizance
$ ls
'EX(AMST NO).fprg' 'EX(Array).fprg'
rishika@LAPTOP-4BUKKHFD MINGW64 ~/cognizance
$ git init
Initialized empty Git repository in C:/Users/rishika/cognizance/.git/
rishika@LAPTOP-4BUKKHFD MINGW64 ~/cognizance (master)
$ git remote add origin https://github.com/Rishika0004/cognizance.git
```

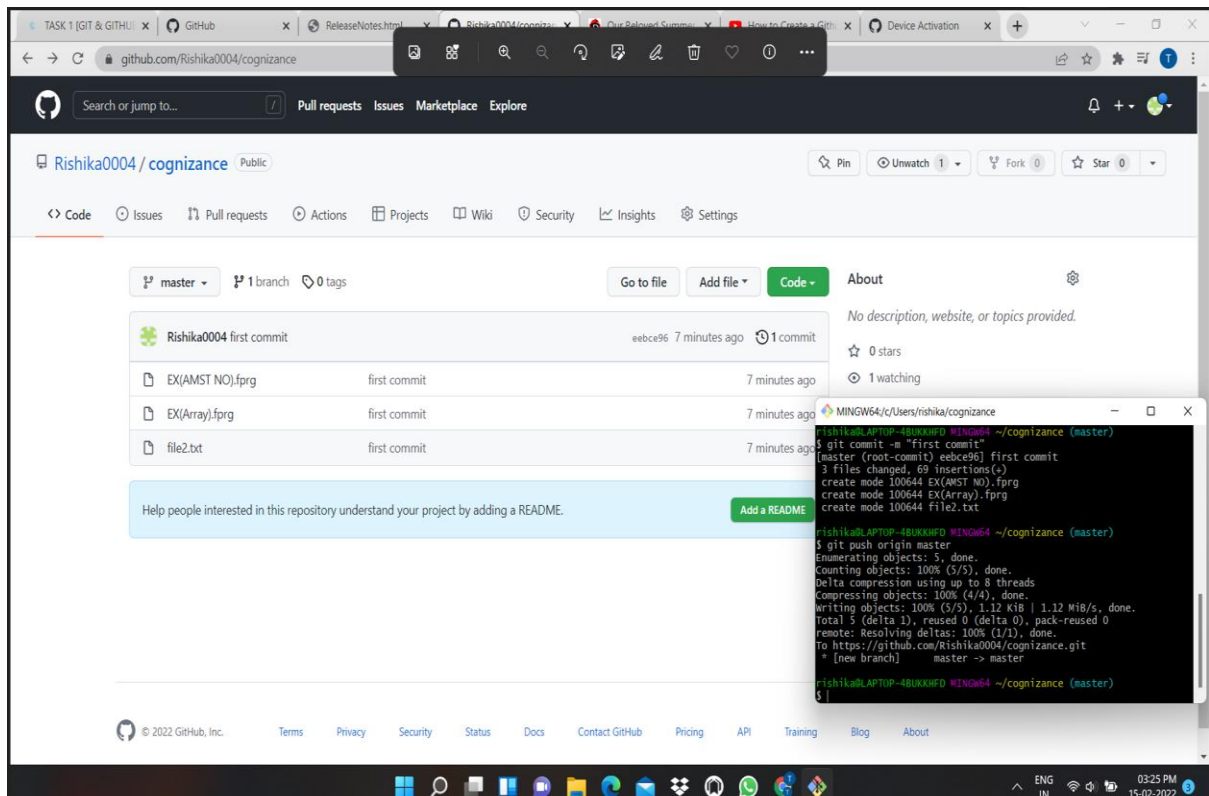
## 2.git add



## 3.git status



## 4.git commit



github.com/Rishika0004/cognizance

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Rishika0004 / cognizance Public

master 1 branch 0 tags

Go to file Add file Code About

No description, website, or topics provided.

0 stars

1 watching

Rishika0004 first commit eebce96 7 minutes ago 1 commit

EX(AMST NO).fprg first commit 7 minutes ago

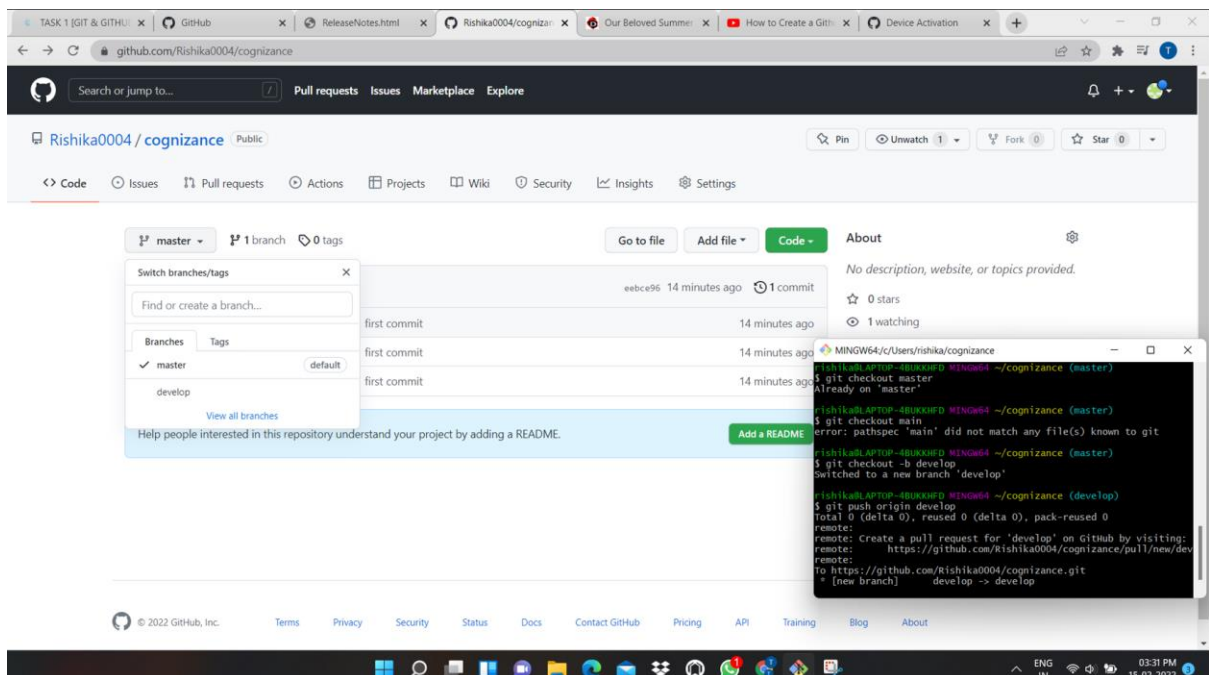
EX(Array).fprg first commit 7 minutes ago

file2.txt first commit 7 minutes ago

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

```
$ git commit -m "first commit"
$ git push origin master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 1.12 KiB | 1.12 MiB/s, done.
Total 5 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/Rishika0004/cognizance.git
* [new branch] master -> master
```

## 5.git checkout



github.com/Rishika0004/cognizance

Search or jump to... Pull requests Issues Marketplace Explore

Rishika0004 / cognizance Public

master 1 branch 0 tags

Go to file Add file Code About

No description, website, or topics provided.

0 stars

1 watching

Rishika0004 first commit eebce96 14 minutes ago 1 commit

EX(AMST NO).fprg first commit 14 minutes ago

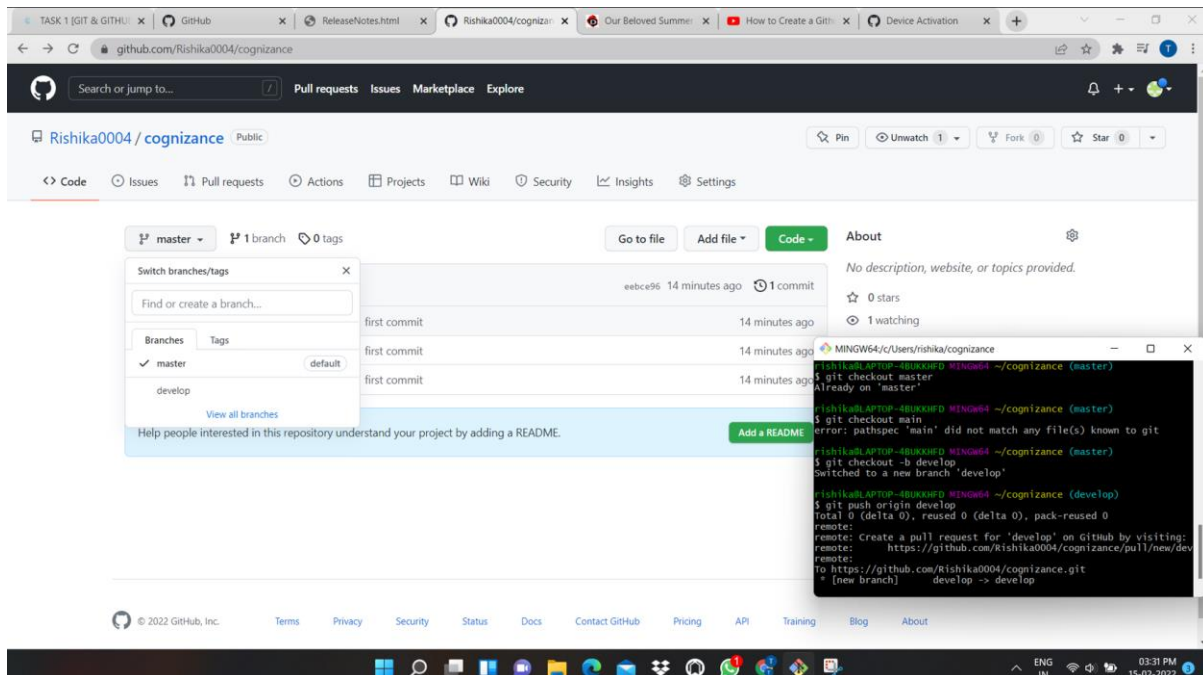
EX(Array).fprg first commit 14 minutes ago

file2.txt first commit 14 minutes ago

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

```
$ git checkout master
Already on 'master'
$ git checkout main
error: pathspec 'main' did not match any file(s) known to git
$ git checkout -b develop
Switched to a new branch 'develop'
$ git push origin develop
$ git checkout main
remote: Create a pull request for 'develop' on GitHub by visiting:
remote: https://github.com/Rishika0004/cognizance/pull/new/develop
remote: To https://github.com/Rishika0004/cognizance.git
* [new branch] develop -> develop
```

## 6.git checkout -b



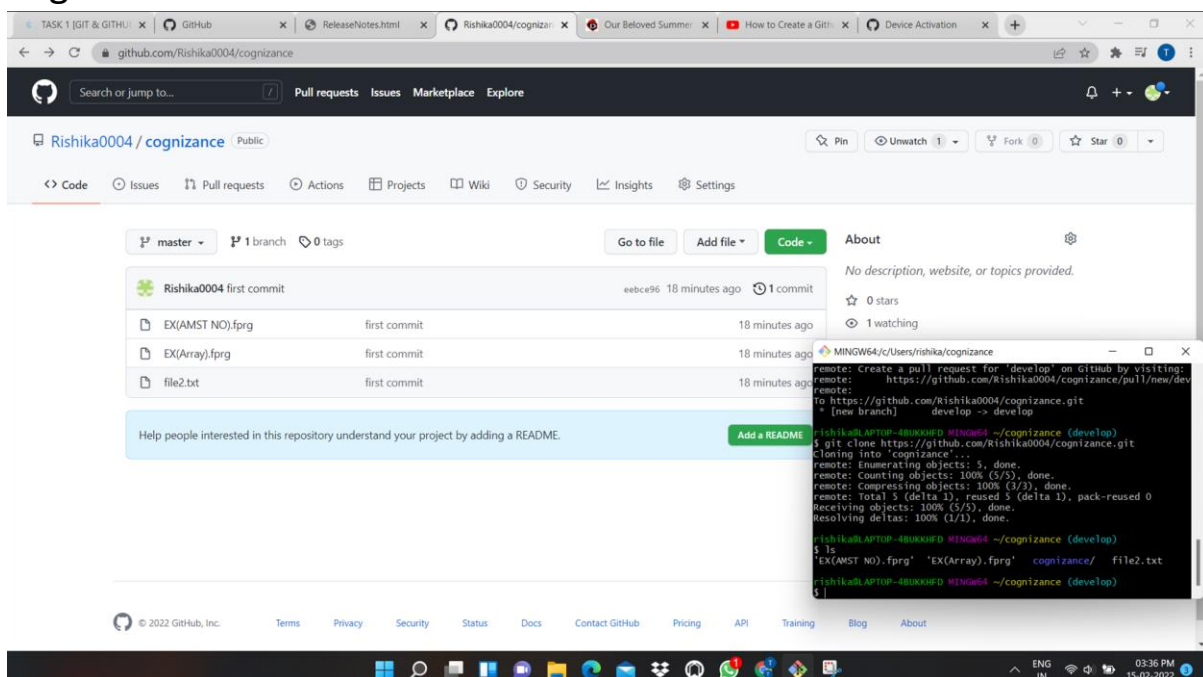
The screenshot shows the GitHub repository page for 'Rishika0004/cognizance'. The repository is currently on the 'master' branch. A terminal window is open, showing the following commands and output:

```
MINGW64~/cognizance
$ git checkout master
Already on 'master'

RishikaLAPTOP-4B0KX9FD MINGW64 ~/cognizance (master)
$ git checkout -b develop
Switched to a new branch 'develop'

RishikaLAPTOP-4B0KX9FD MINGW64 ~/cognizance (develop)
$ git push origin develop
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
remote: Create a pull request for 'develop' on GitHub by visiting:
remote:   https://github.com/Rishika0004/cognizance/pull/new/develop
remote: To https://github.com/Rishika0004/cognizance.git
 * [new branch] develop -> develop
```

## 7.git clone



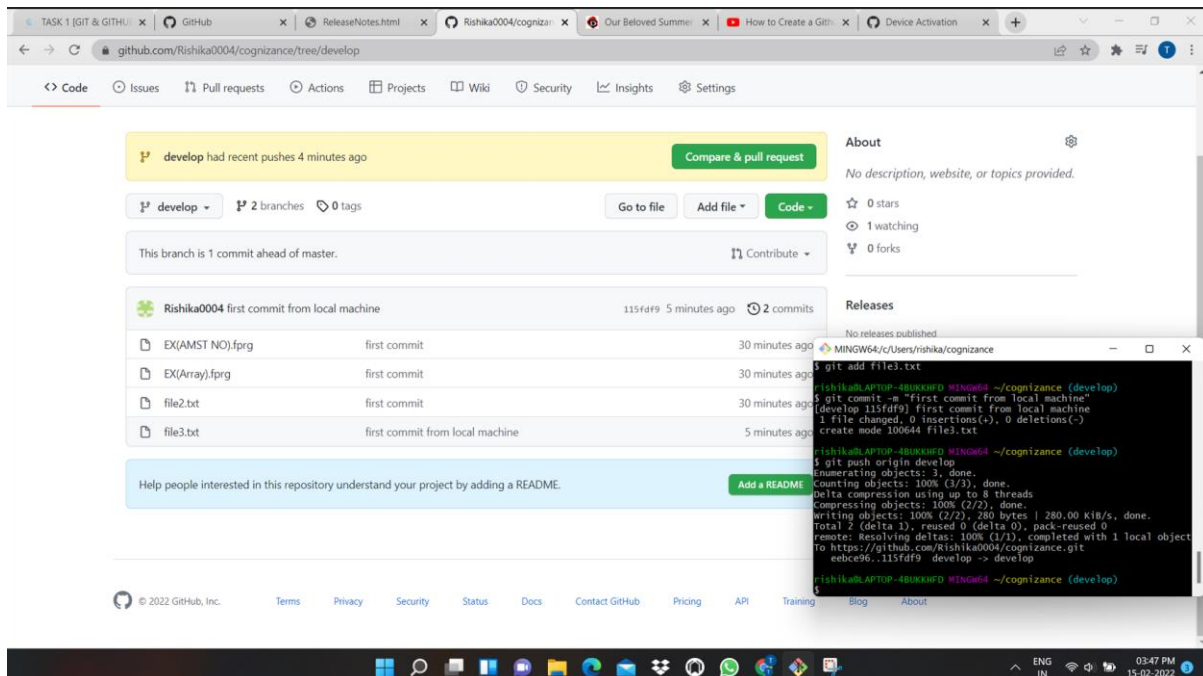
The screenshot shows the same GitHub repository page, but now the 'develop' branch is selected. A terminal window is open, showing the following commands and output:

```
MINGW64~/cognizance
$ git clone https://github.com/Rishika0004/cognizance.git
Cloning into 'cognizance'...
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 1), reused 3 (delta 1), pack-reused 0
Receiving objects: 100% (5/5), done.
Resolving deltas: 100% (1/1), done.

RishikaLAPTOP-4B0KX9FD MINGW64 ~/cognizance (develop)
$ ls
EX(AMST NO).fprg  EX(Array).fprg  cognizance/  file2.txt

RishikaLAPTOP-4B0KX9FD MINGW64 ~/cognizance (develop)
$
```

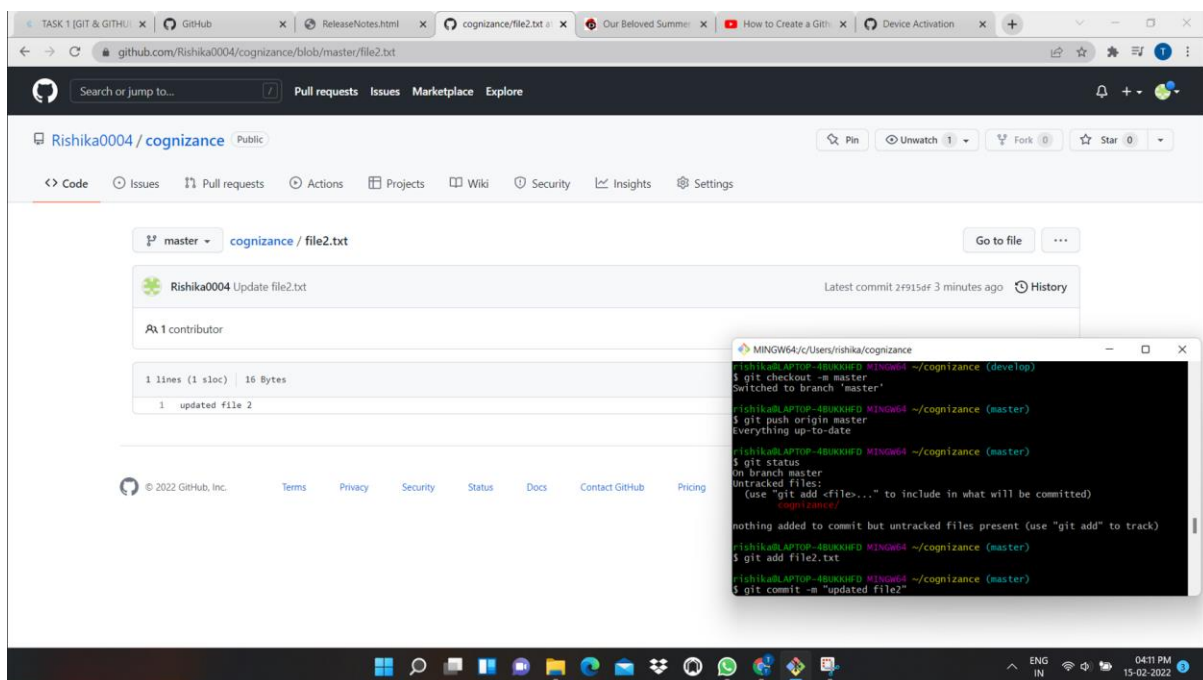
## 8.git commit-a



The screenshot shows the GitHub interface for the repository 'Rishika0004/cognizance'. The 'develop' branch is selected, showing it is 1 commit ahead of master. A table lists recent commits, including 'first commit' for files like 'EX(AMST NO).fprg' and 'file2.txt'. A terminal window in the foreground displays the following commands and output:

```
MINGW64/c/Users/rishika/cognizance
$ git add file3.txt
$ git commit -m "first commit from local machine"
[develop 115fd9] first commit from local machine
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 file3.txt
$ git push origin develop
$ git push origin develop
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 280 bytes | 280.00 KiB/s, done.
Total 2 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object
to https://github.com/Rishika0004/cognizance.git
ebce96..115fd9 develop -> develop
$ git push origin develop
```

## 9.git push



The screenshot shows the GitHub interface for the repository 'Rishika0004/cognizance'. The 'master' branch is selected, showing the file 'file2.txt' with 1 contributor. A terminal window in the foreground displays the following commands and output:

```
MINGW64/c/Users/rishika/cognizance
$ git checkout -m master
Switched to branch 'master'
$ git push origin master
Everything up-to-date
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
  cognizance/

nothing added to commit but untracked files present (use "git add" to track)
$ git add file2.txt
$ git commit -m "updated file2"
$ git push origin master
```