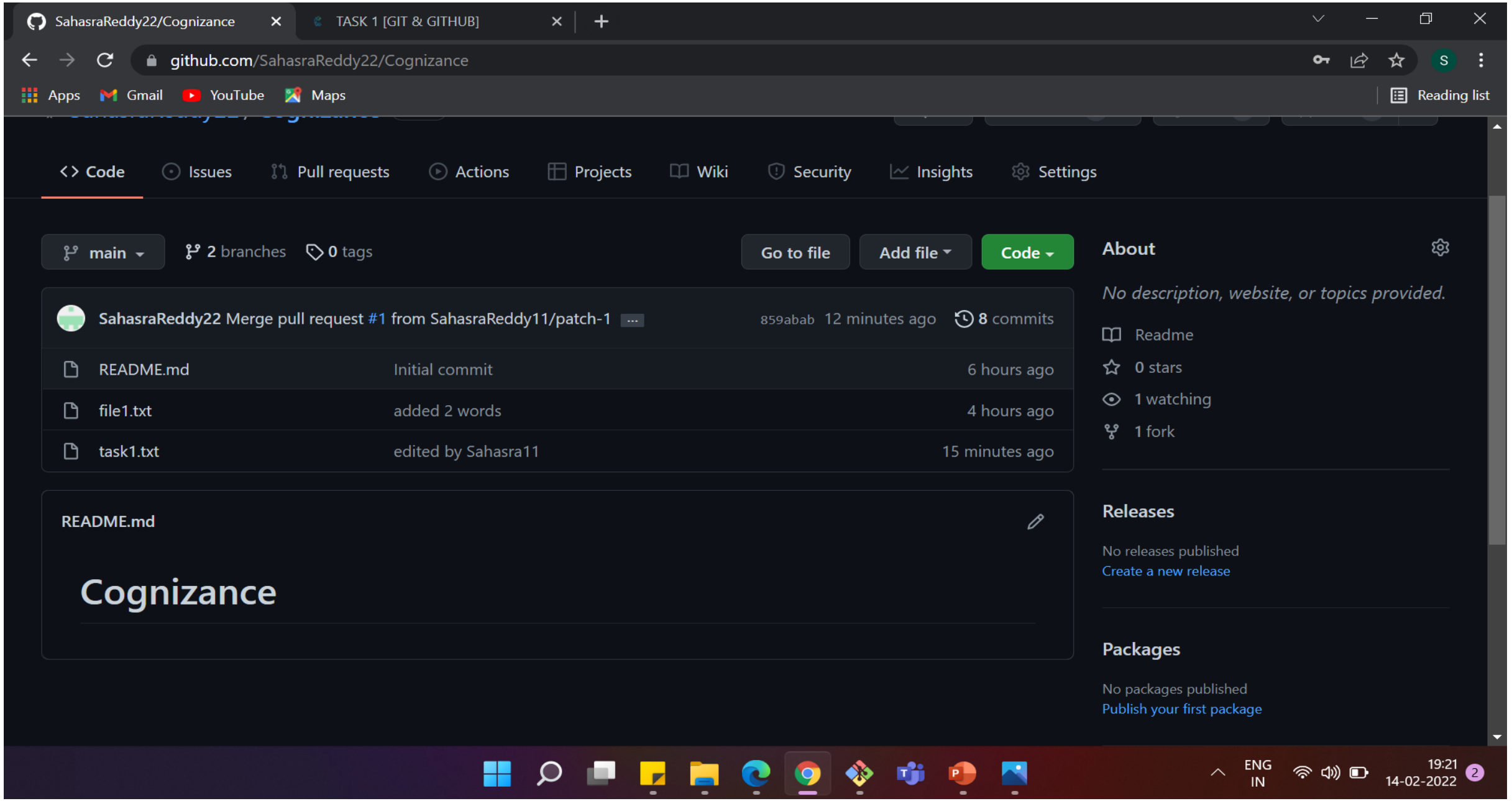
TASK-1

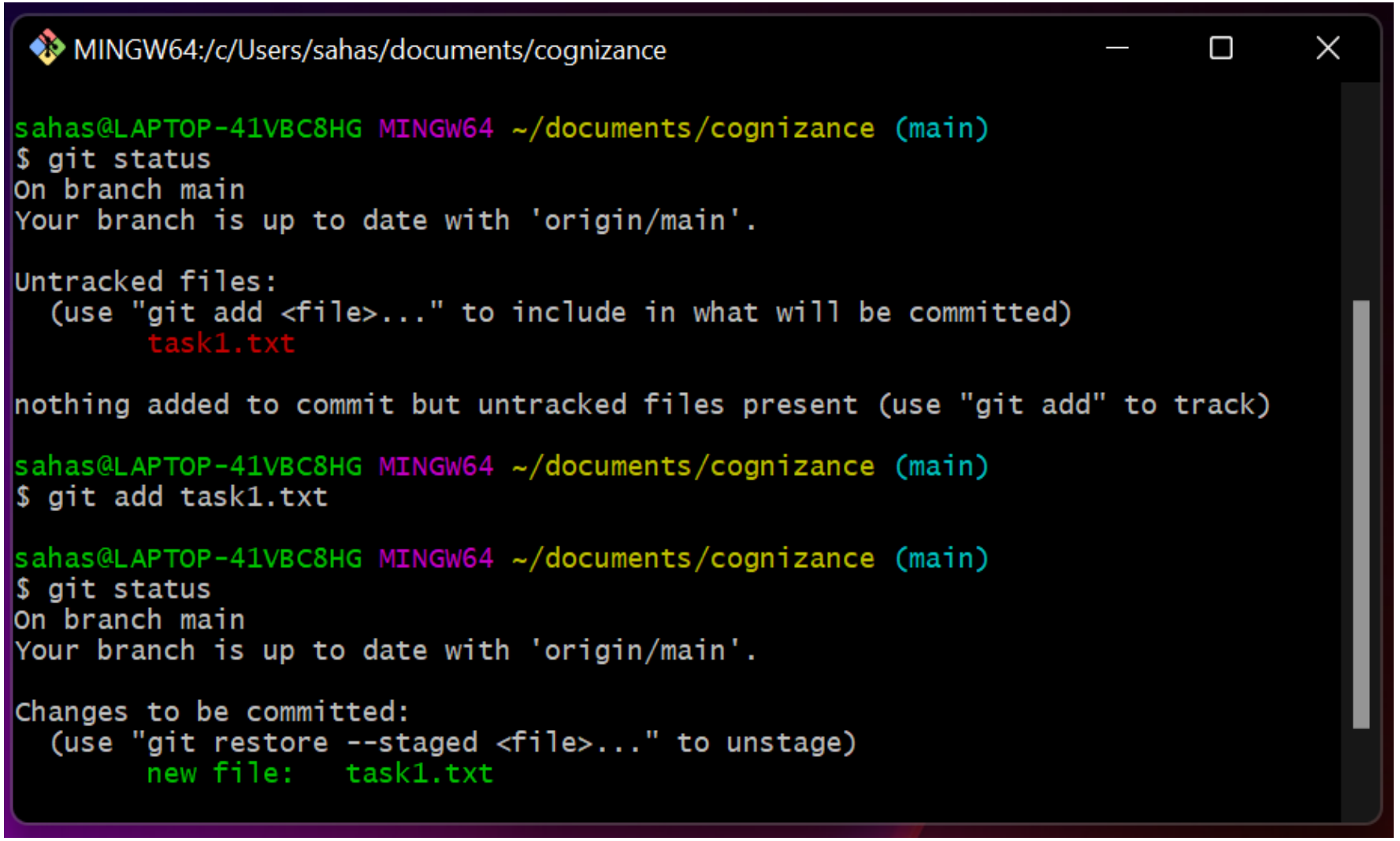
Mandadi Lakshmi Sahasra Reddy

ch.en.u4cys21037

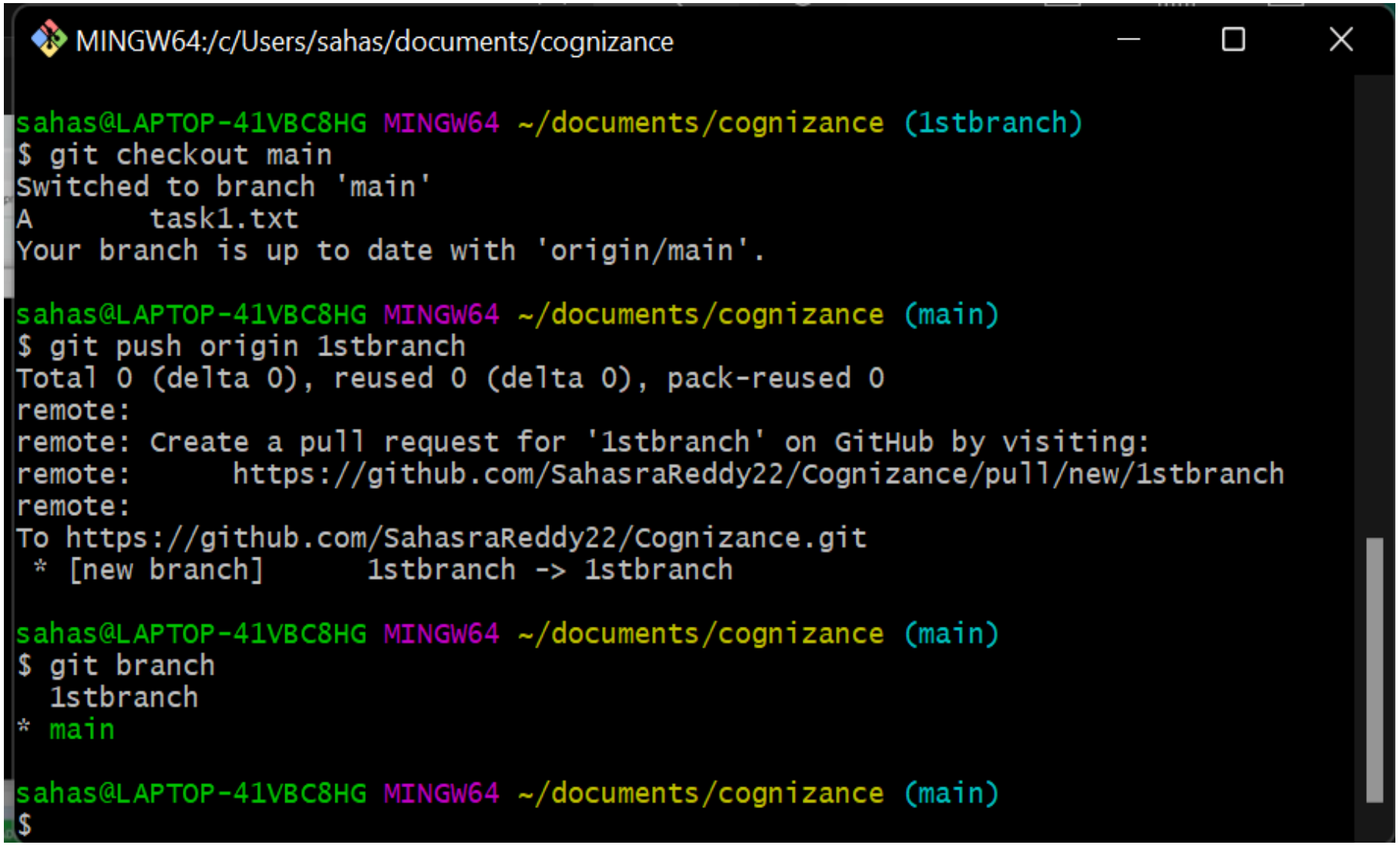
Creating repository named cognizance and folder named task-1



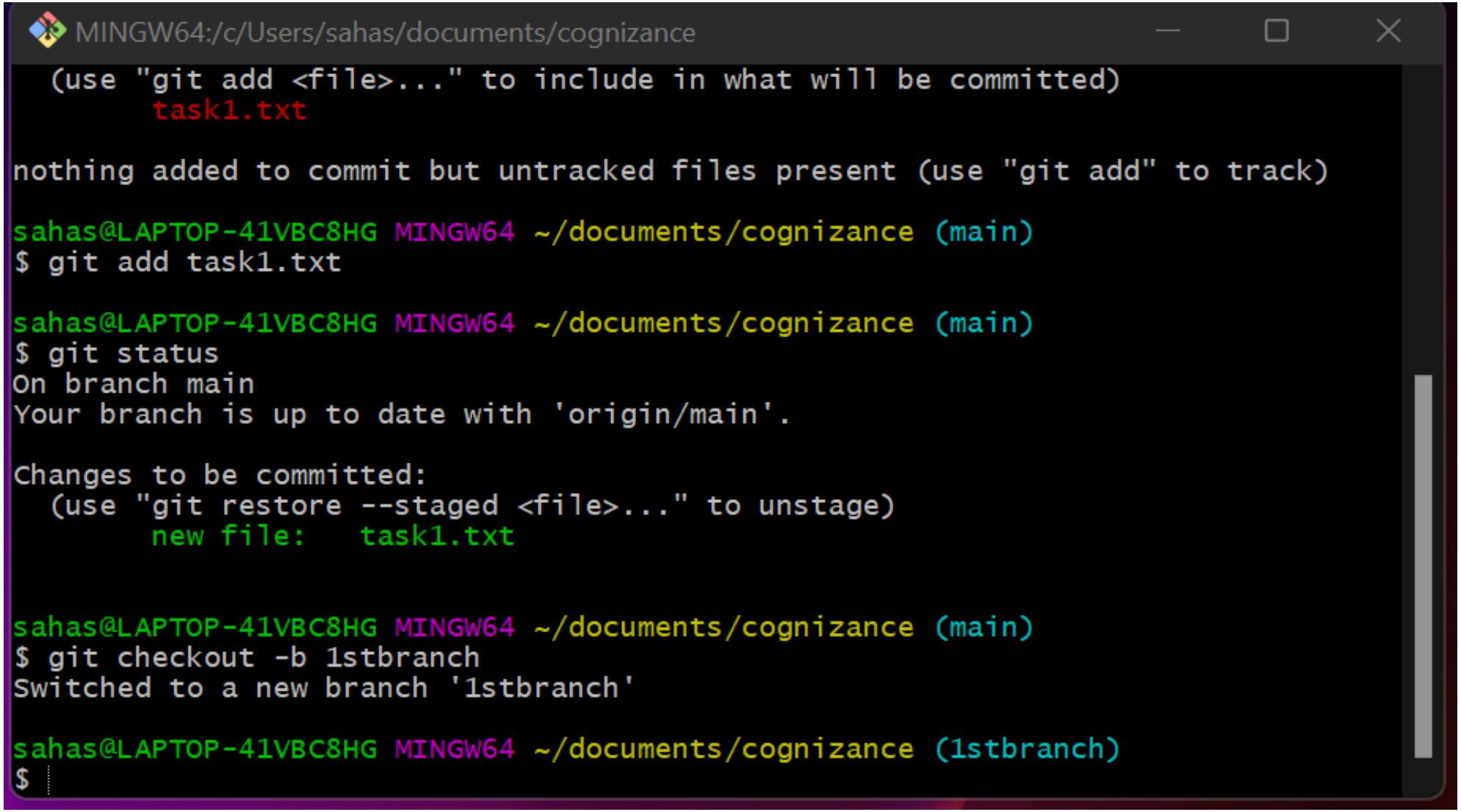
Git add:Puts current working files into the stage.



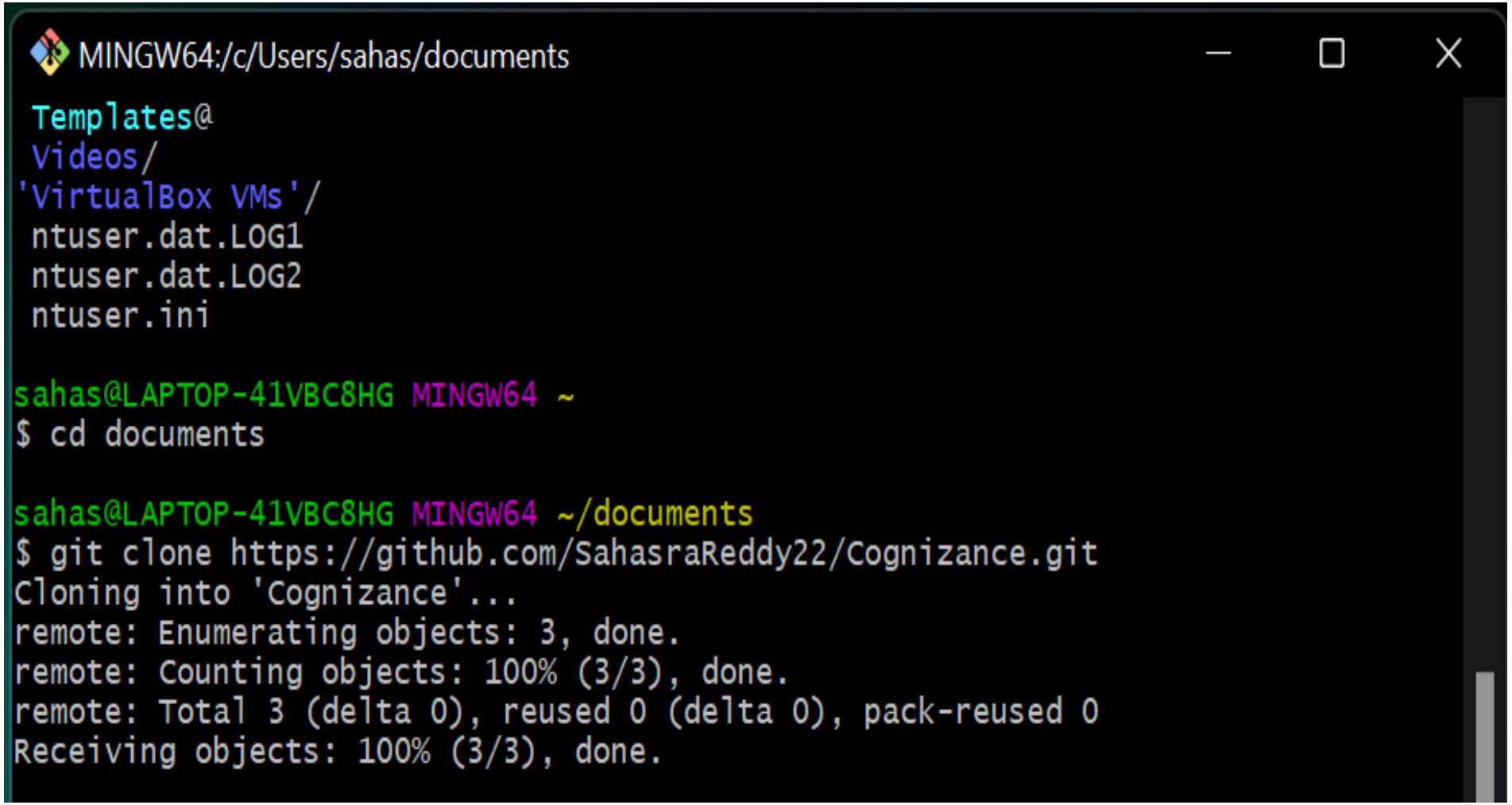
Git checkout: Replaces the current working files with files from a branch



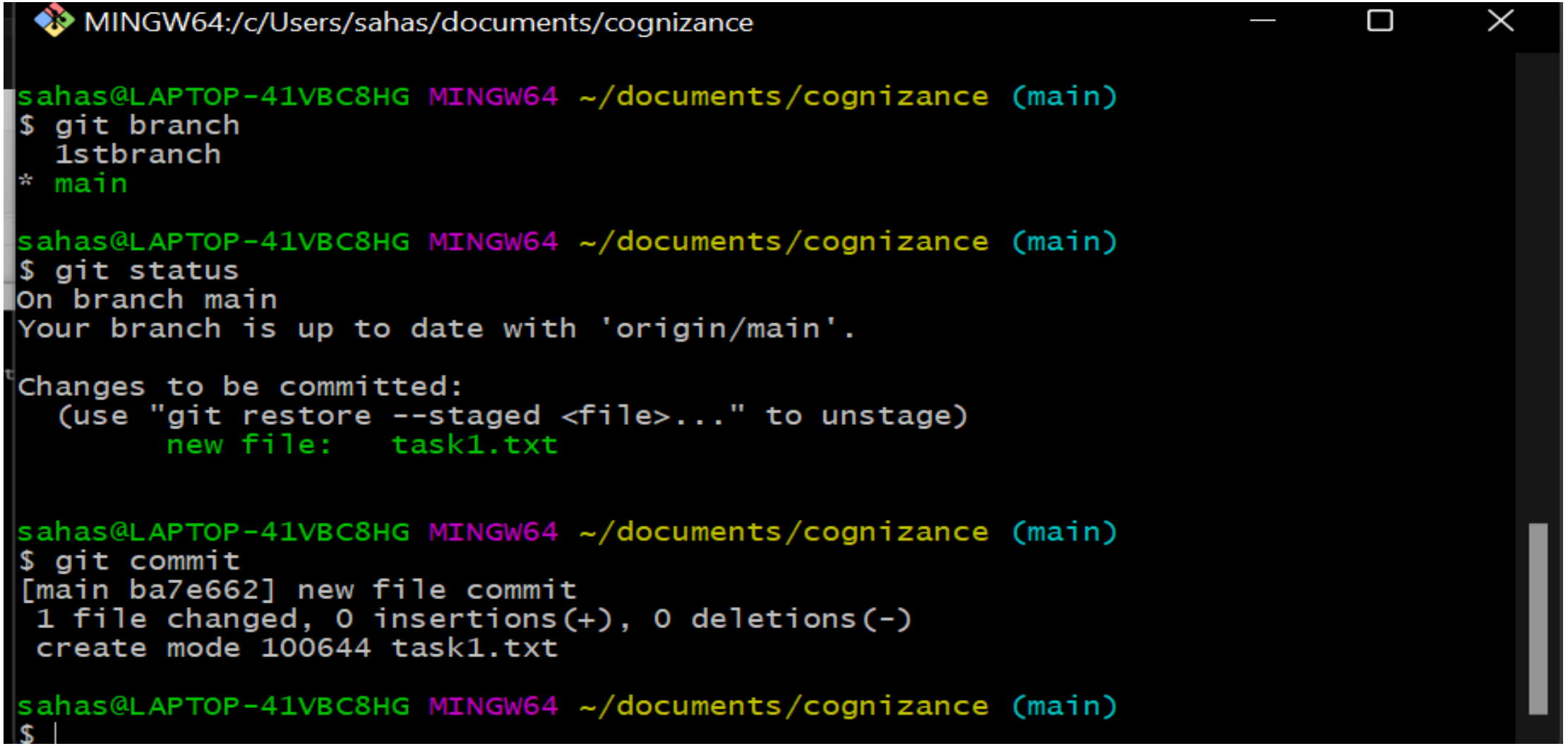
Git Checkout-b :Creates a new local branch from the current branch's tip.



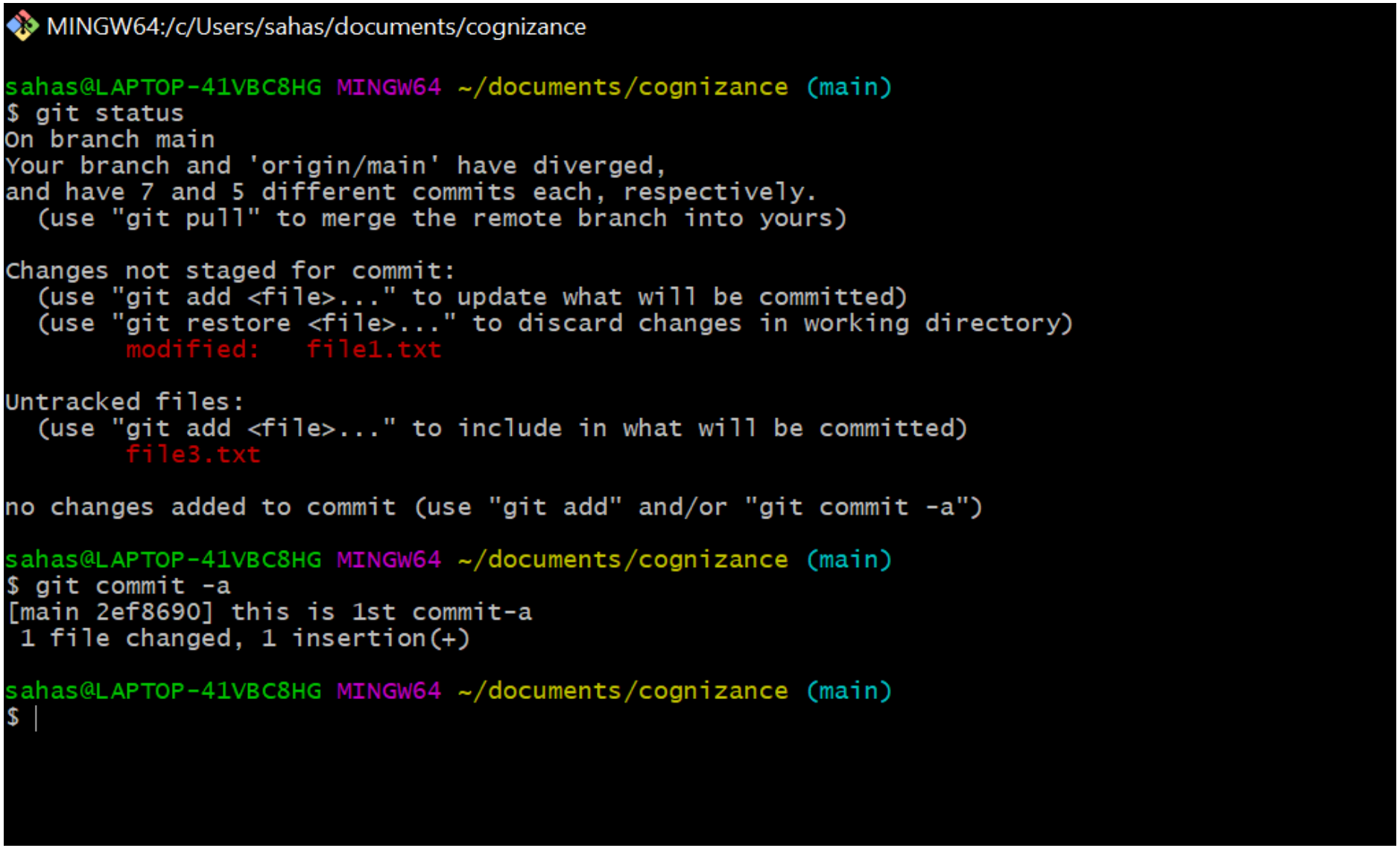
Git clone:Clone an existing repository into a new directory.



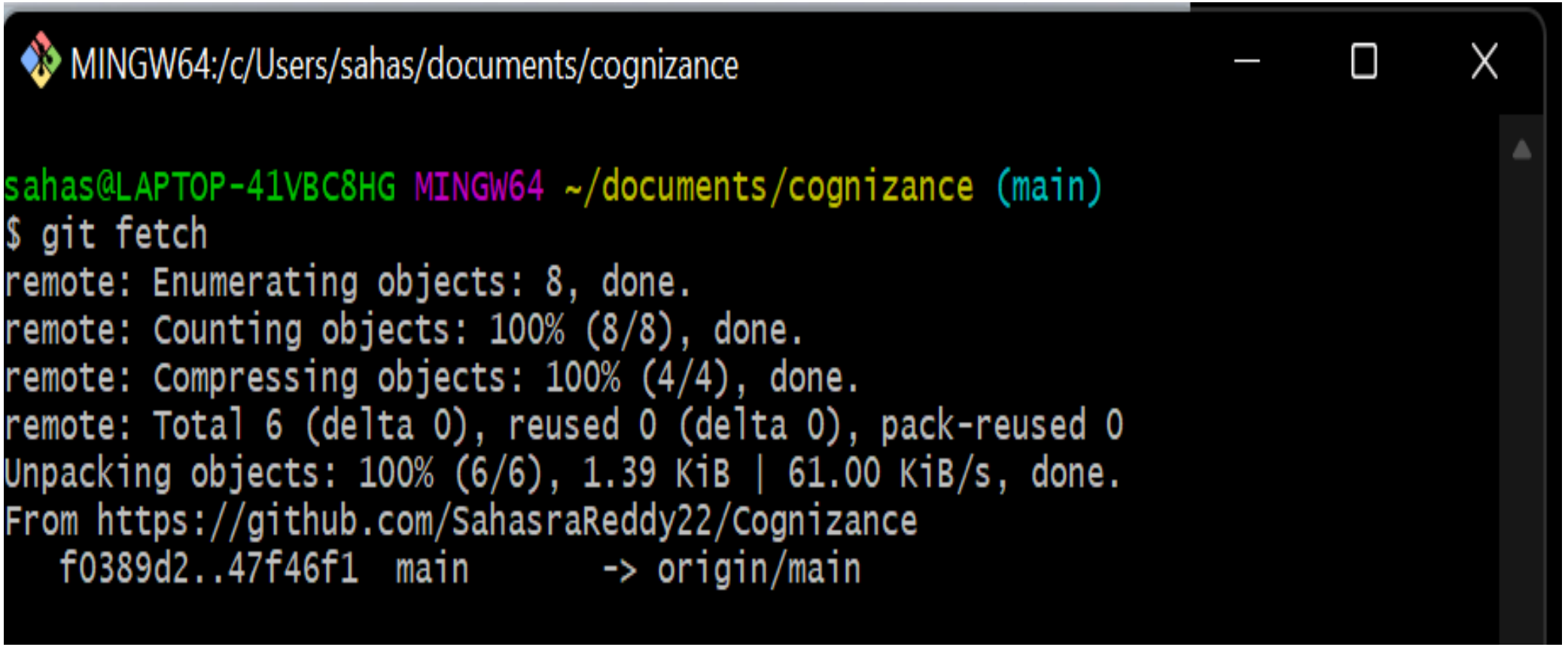
Git commit:Commits staged changes to a local branch.



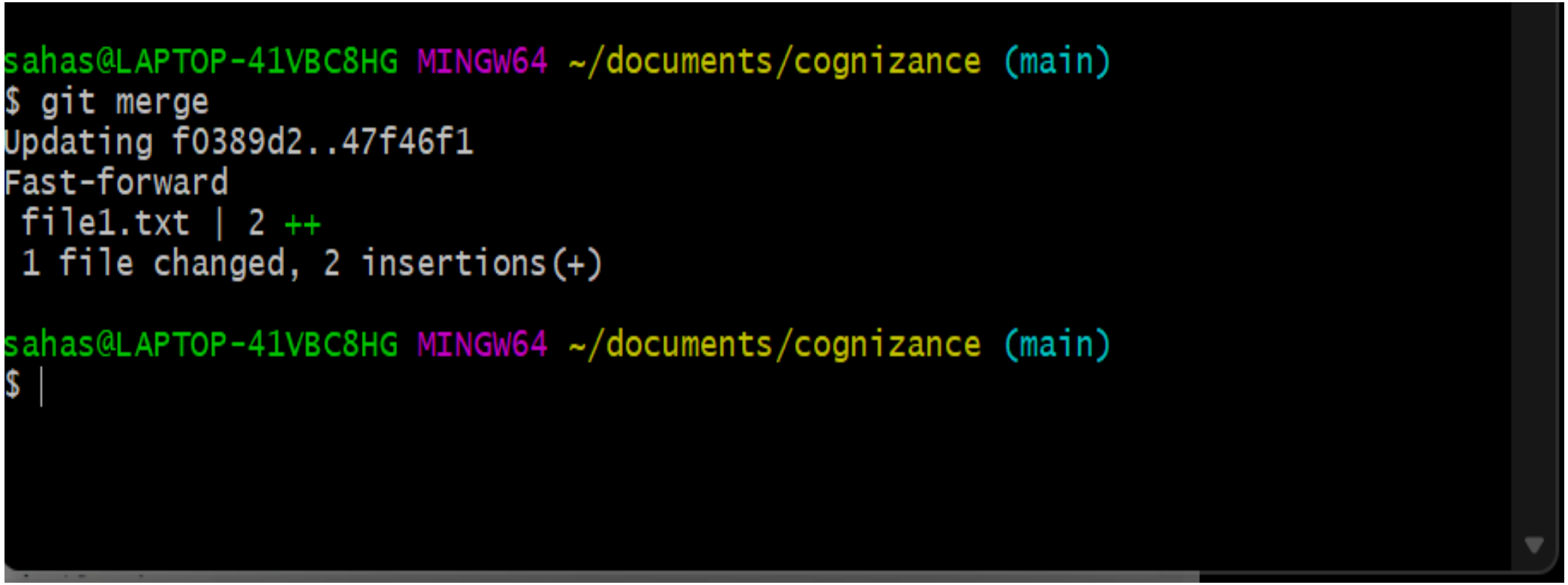
Git commit -a:Commits all modified files to a local branch(shorthand for “git add” followed by “git commit” for each modified file).



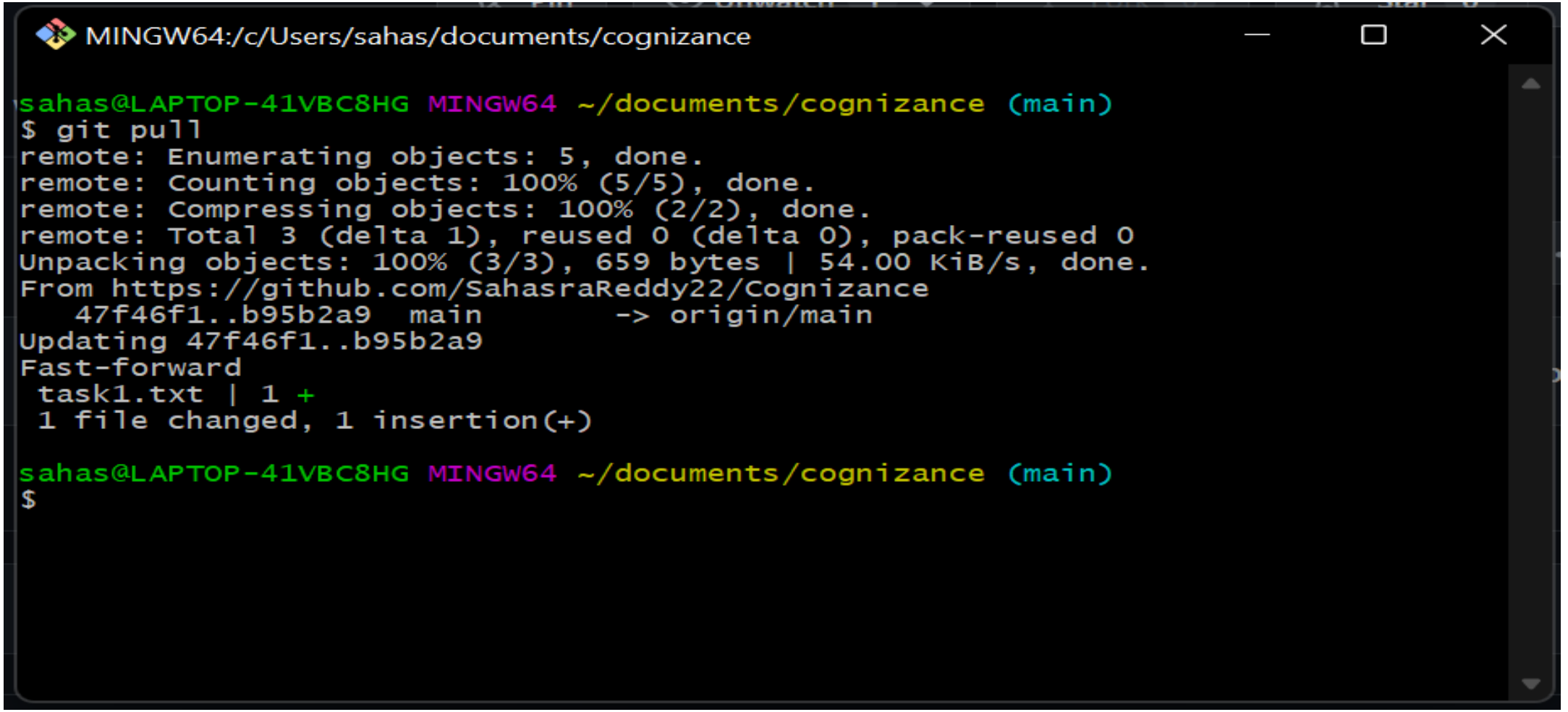
Git fetch:Downloads changes from a remote repository into the local clone.



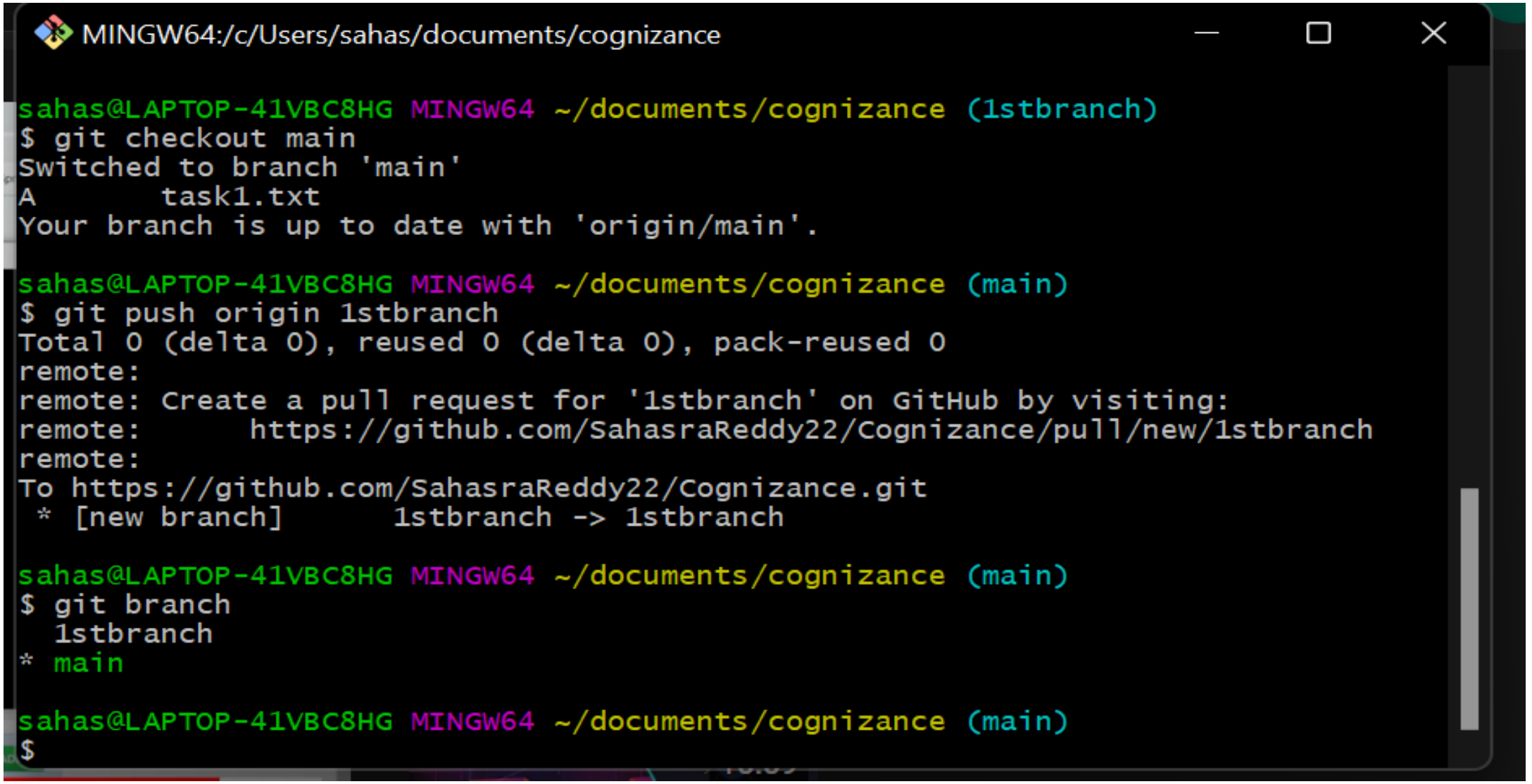
Git merge: Merges files from a given branch into the current branch



Git pull: Fetches remote changes on the current branch into the local clone, and merges them into the current working files.



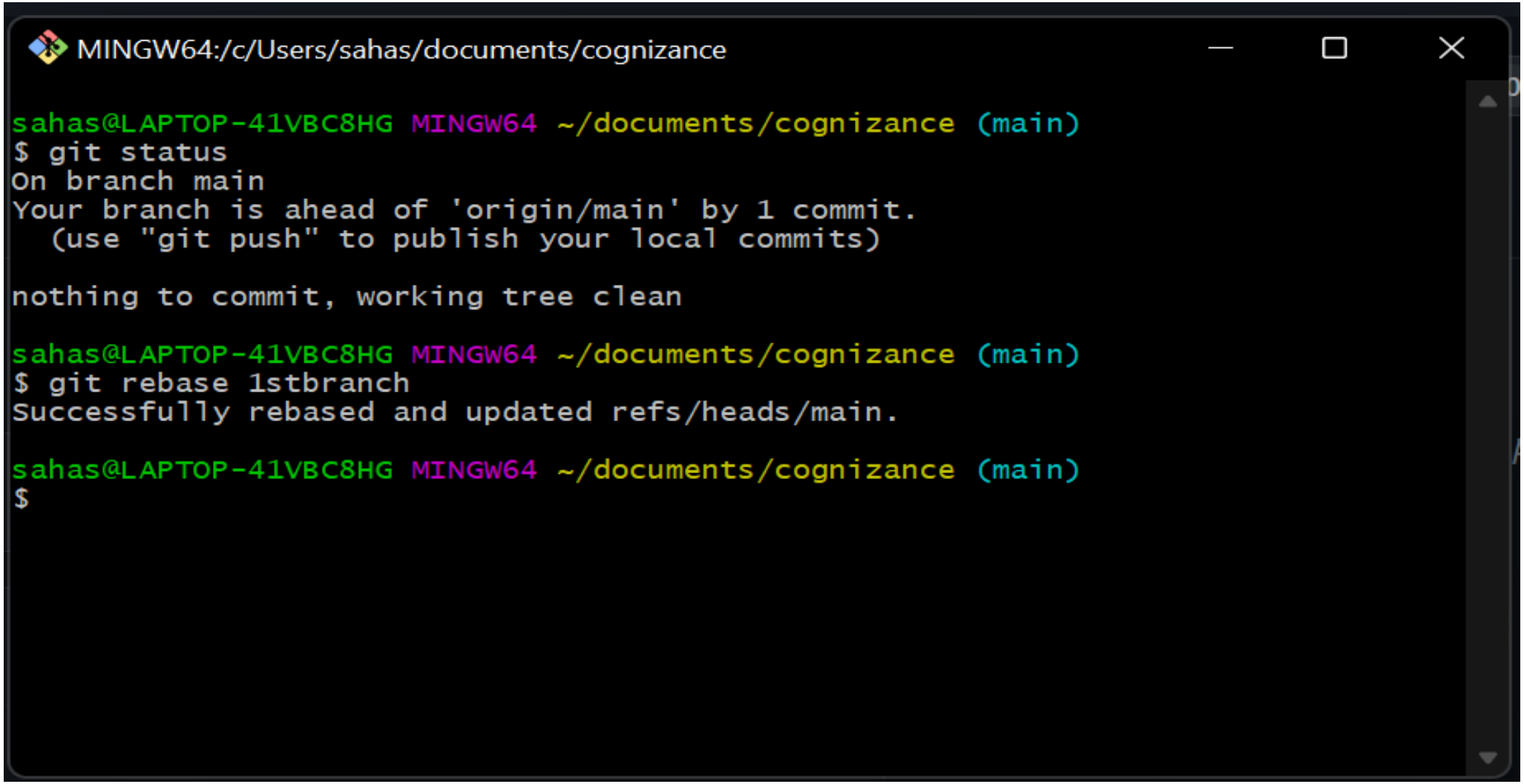
Git Push:Uploads changes from all local branches to the respective remote repositories



Git Reset : Makes the current branch point to some specific revision or branch

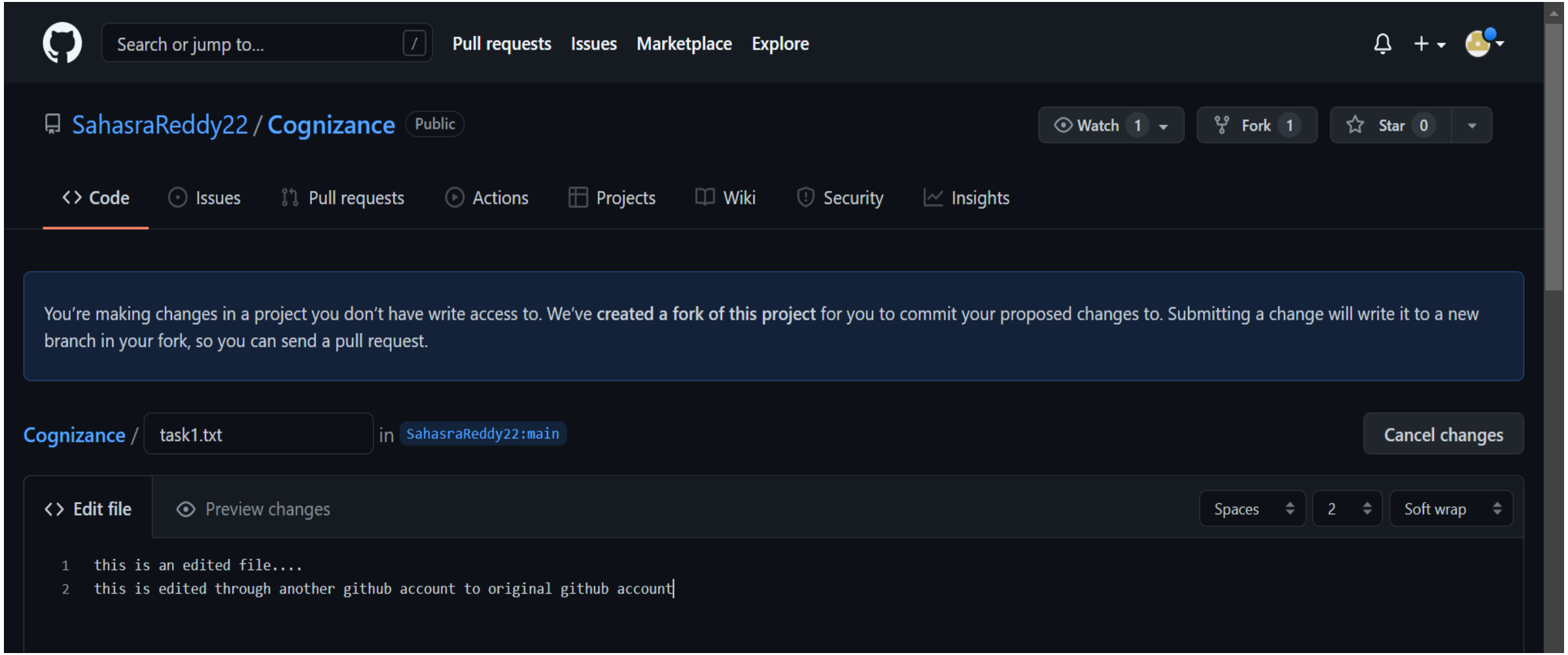
```
MINGW64:/c/Users/sahas/documents/cognizance

sahas@LAPTOP-41VBC8HG MINGW64 ~/documents/cognizance (main)
$ vi file1.txt

sahas@LAPTOP-41VBC8HG MINGW64 ~/documents/cognizance (main)
$ vi file2.txt

sahas@LAPTOP-41VBC8HG MINGW64 ~/documents/cognizance (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   file2.txt

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   file1.txt
        modified:   file2.txt


sahas@LAPTOP-41VBC8HG MINGW64 ~/documents/cognizance (main)
$ git add *
warning: LF will be replaced by CRLF in file2.txt.
The file will have its original line endings in your working directory

sahas@LAPTOP-41VBC8HG MINGW64 ~/documents/cognizance (main)
$ gitstatus
bash: gitstatus: command not found

sahas@LAPTOP-41VBC8HG MINGW64 ~/documents/cognizance (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   file1.txt
        new file:   file2.txt


sahas@LAPTOP-41VBC8HG MINGW64 ~/documents/cognizance (main)
$ git reset HEAD file1.txt
Unstaged changes after reset:
M       file1.txt
```

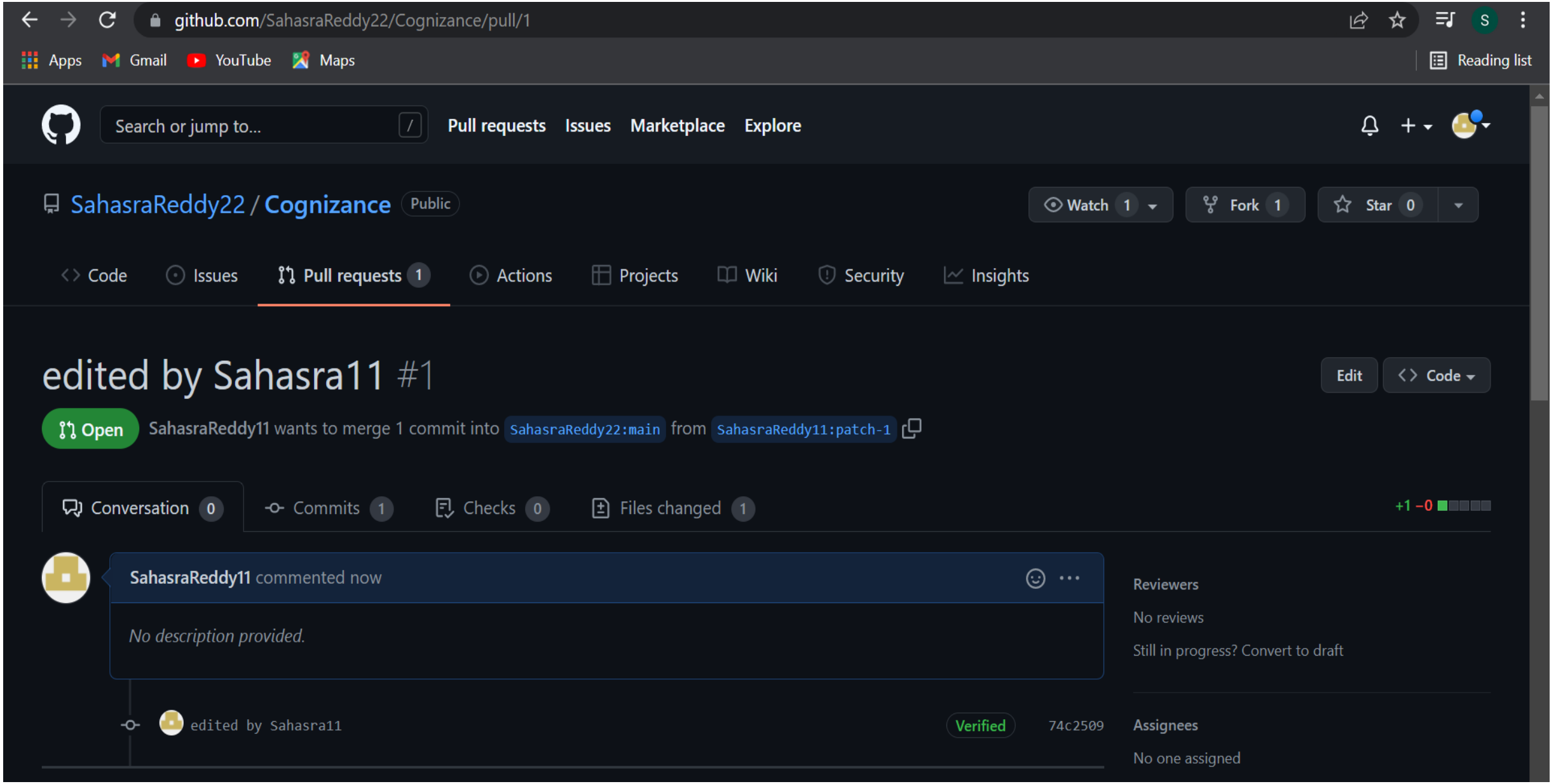
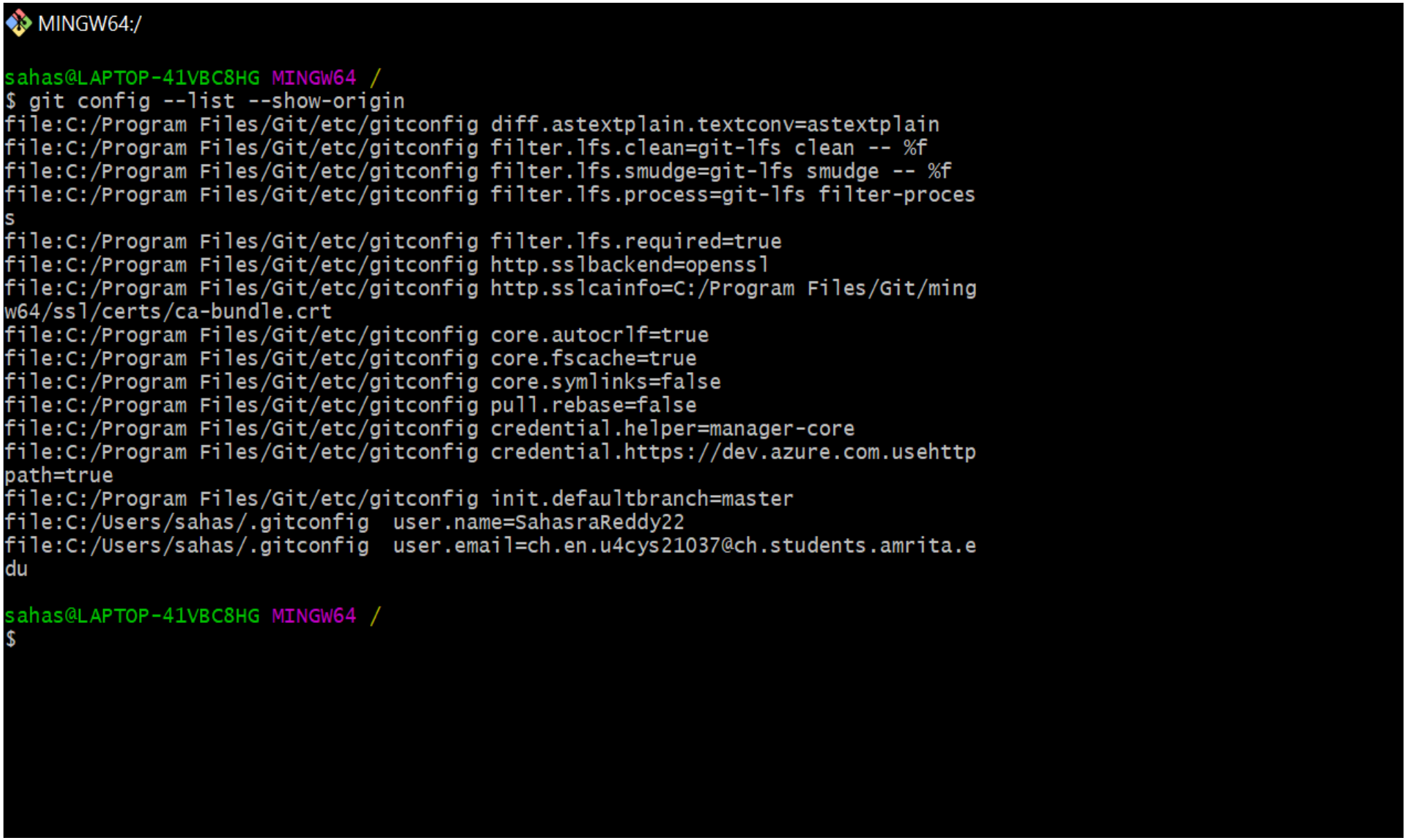
Git rebase : Integrates changes from one branch into another. It is an alternative to the better known “merge” command.



Git Fork : Fork will create a copy of the repository in your GitHub account so that you can make changes to the project.

Here I edited the file from SahasraReddy11 account by using fork into the account SahasraReddy22




github.com/SahasraReddy22/Cognizance/pull/1
Apps
Gmail
YouTube
Maps
Reading list
Search or jump to...
Pull requests
Issues
Marketplace
Explore
SahasraReddy22 / Cognizance
Public
Watch 1
Fork 1
Star 0
Code
Issues
Pull requests 1
Actions
Projects
Wiki
Security
Insights
edited by Sahasra11 #1
Edit
Code
Open
SahasraReddy11 wants to merge 1 commit into SahasraReddy22:main from SahasraReddy11:patch-1
Conversation 0
Commits 1
Checks 0
Files changed 1
+1 −0
SahasraReddy11 commented now
No description provided.
edited by Sahasra11
Verified
74c2509
Reviewers
No reviews
Still in progress? Convert to draft
Assignees
No one assigned

Git config –list –show-