PUSH: UPLOAD

1. Create folder <foldername> and create file first.py
2. Go inside folder
3. open with git bash here
4. **git init**

//ls -al #to check all files
//git status (to see untracked files)

5. **git add first.py or use .** To select all

//git status (now first.py willbe in green)

6. git config --global user.email "rizwantopper@gmail.com"
7. git config --global user.name "Rizwanishere"
8. **git commit -m "Message" <filename>**
9. **git remote add origin <url of that repo>**

// git remote -v (to verify remote)

10.**git branch -M main**

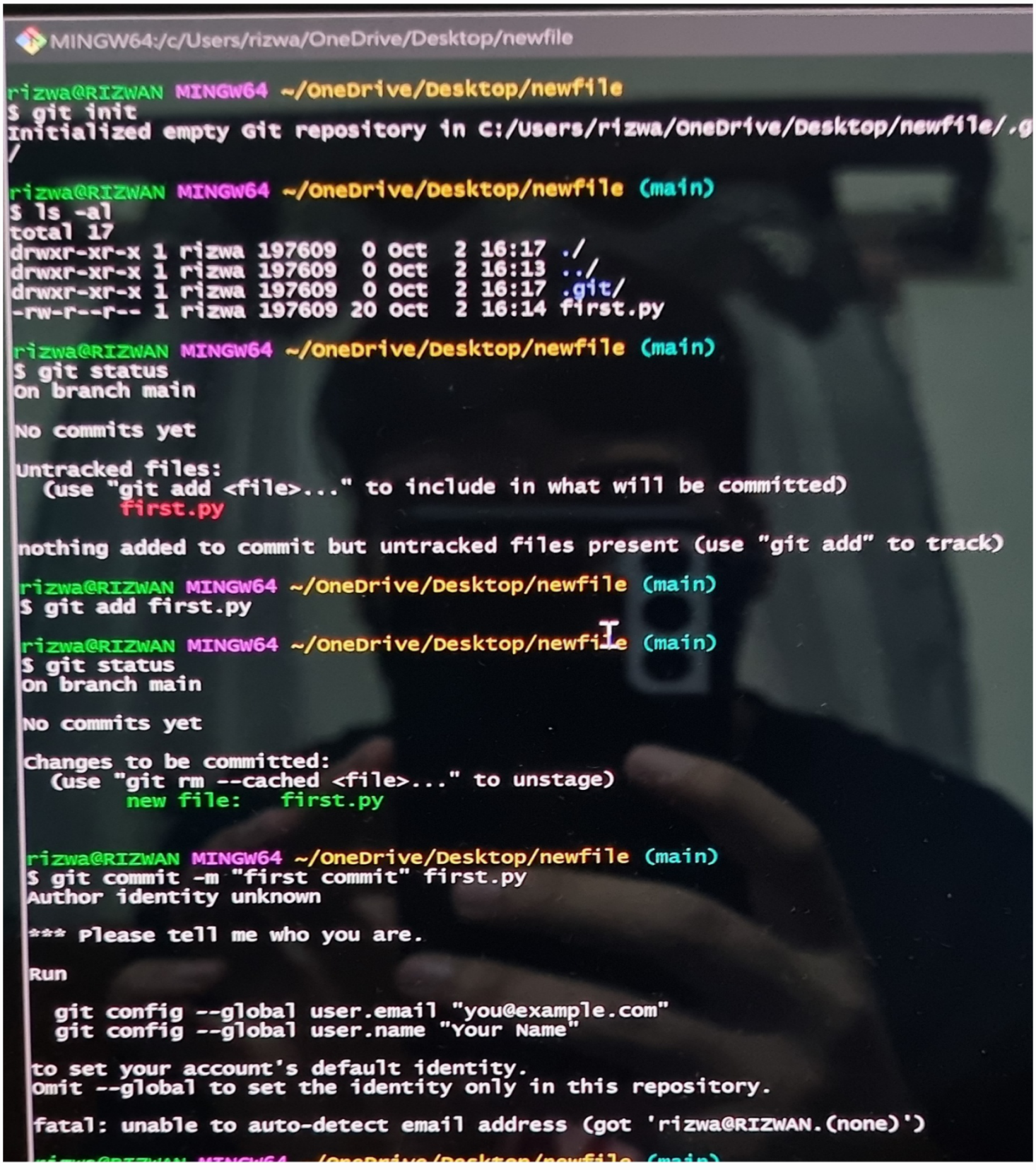
(-M is used for renaming branch and main is the new name as old one was master)

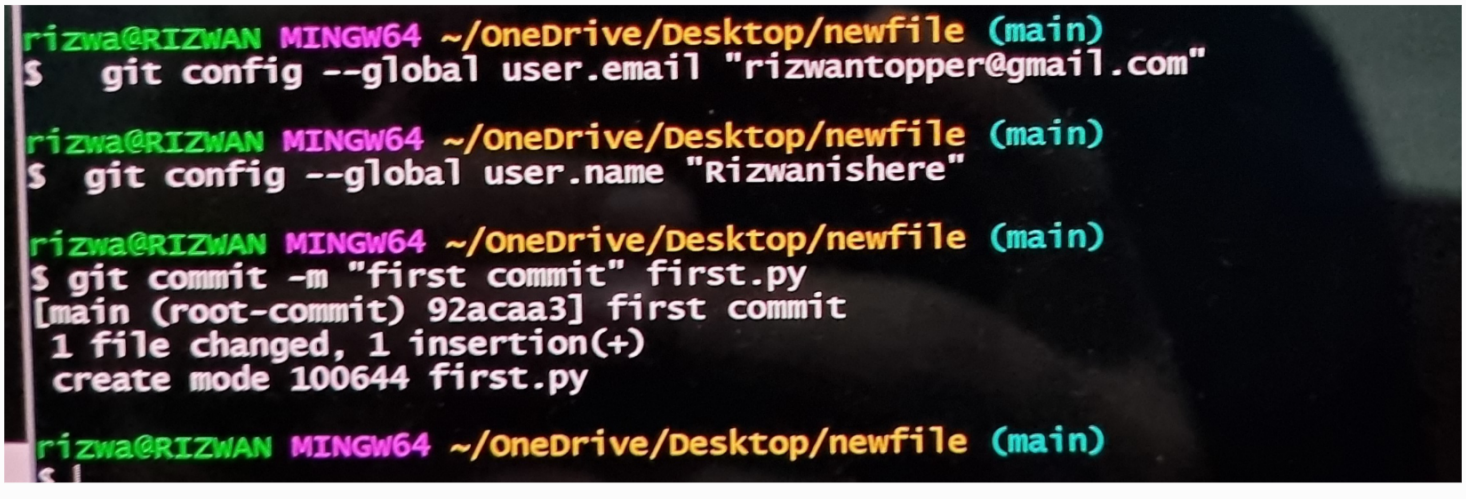
11.git push origin main
(Or)

git push -u origin main

(-u is set Upstream which means when we need to push this code again we can do it by: git push)

Code is now committed
Check below for image


MINGW64:/c/Users/rizwa/OneDrive/Desktop/newfile
rizwa@RIZWAN MINGW64 ~/OneDrive/Desktop/newfile
$ git init
Initialized empty Git repository in C:/Users/rizwa/OneDrive/Desktop/newfile/.g
/
rizwa@RIZWAN MINGW64 ~/OneDrive/Desktop/newfile (main)
$ ls -al
total 17
drwxr-xr-x 1 rizwa 197609 0 Oct 2 16:17 ./
drwxr-xr-x 1 rizwa 197609 0 Oct 2 16:13 ../
drwxr-xr-x 1 rizwa 197609 0 Oct 2 16:17 .git/
-rw-r--r-- 1 rizwa 197609 20 Oct 2 16:14 first.py
rizwa@RIZWAN MINGW64 ~/OneDrive/Desktop/newfile (main)
$ git status
On branch main
No commits yet
Untracked files:
(use "git add <file>..." to include in what will be committed)
first.py
nothing added to commit but untracked files present (use "git add" to track)
rizwa@RIZWAN MINGW64 ~/OneDrive/Desktop/newfile (main)
$ git add first.py
rizwa@RIZWAN MINGW64 ~/OneDrive/Desktop/newfile (main)
$ git status
On branch main
No commits yet
Changes to be committed:
(use "git rm --cached <file>..." to unstage)
new file: first.py
rizwa@RIZWAN MINGW64 ~/OneDrive/Desktop/newfile (main)
$ git commit -m "first commit" first.py
Author identity unknown
*** Please tell me who you are.
Run
git config --global user.email "you@example.com"
git config --global user.name "Your Name"
to set your account's default identity.
Omit --global to set the identity only in this repository.
fatal: unable to auto-detect email address (got 'rizwa@RIZWAN.(none)')


rizwa@RIZWAN MINGW64 ~/OneDrive/Desktop/newfile (main)
$ git config --global user.email "rizwantopper@gmail.com"
rizwa@RIZWAN MINGW64 ~/OneDrive/Desktop/newfile (main)
$ git config --global user.name "Rizwanishere"
rizwa@RIZWAN MINGW64 ~/OneDrive/Desktop/newfile (main)
$ git commit -m "first commit" first.py
[main (root-commit) 92acaa3] first commit
1 file changed, 1 insertion(+)
create mode 100644 first.py
rizwa@RIZWAN MINGW64 ~/OneDrive/Desktop/newfile (main)

1. New window opens for login on github
2. Go to github>settings>developer settings>Personal access tokens>tokens(classic)>generate new
3. paste token on that new window

(Or) Just login using email id & password.
Code is successfully pushed(uploaded on github).

🌟**Now if you make changes in the first.py file then the changes will also be made into github??**

No.

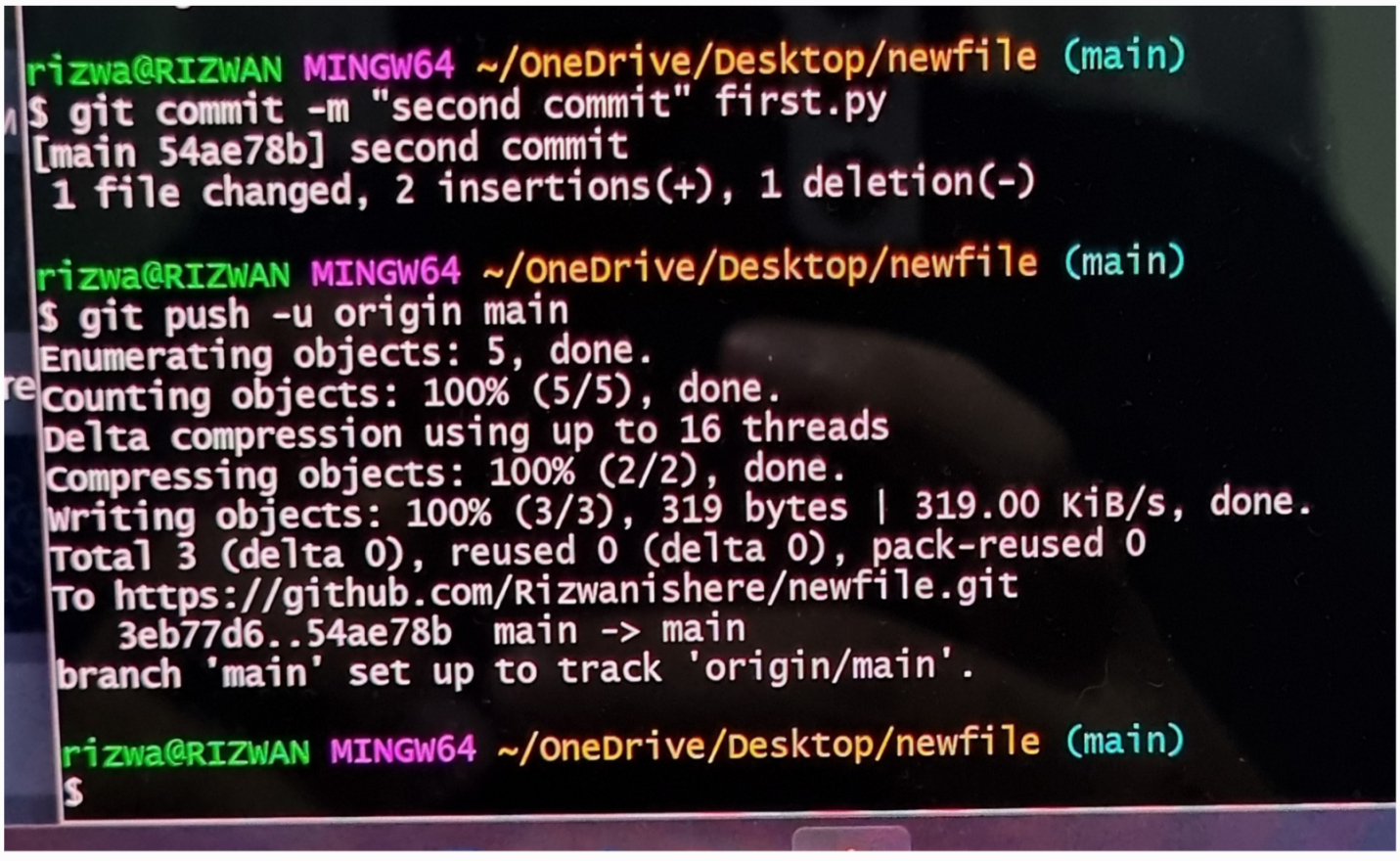
So you have to first:

1. commit it by using

git commit -m "second commit" first.py

2. Push(upload) it by using

git push -u origin main



🌟HOW TO PULL?

If you just pushed a file and made some changes from github ui then enter this cmd
Git pull origin main

Otherwise...
HOW TO CLONE REPOSITORY:
If you want some other person's repository in your local computer then

1. go to github repo of that person and click on <>Code then click on HTTPS link and copy that link(url)
2. Open git
3. **cd <directory>** in which you want that repo to be cloned
4. Go to git terminal and enter command
   git clone <url>

pull done successfully ✅