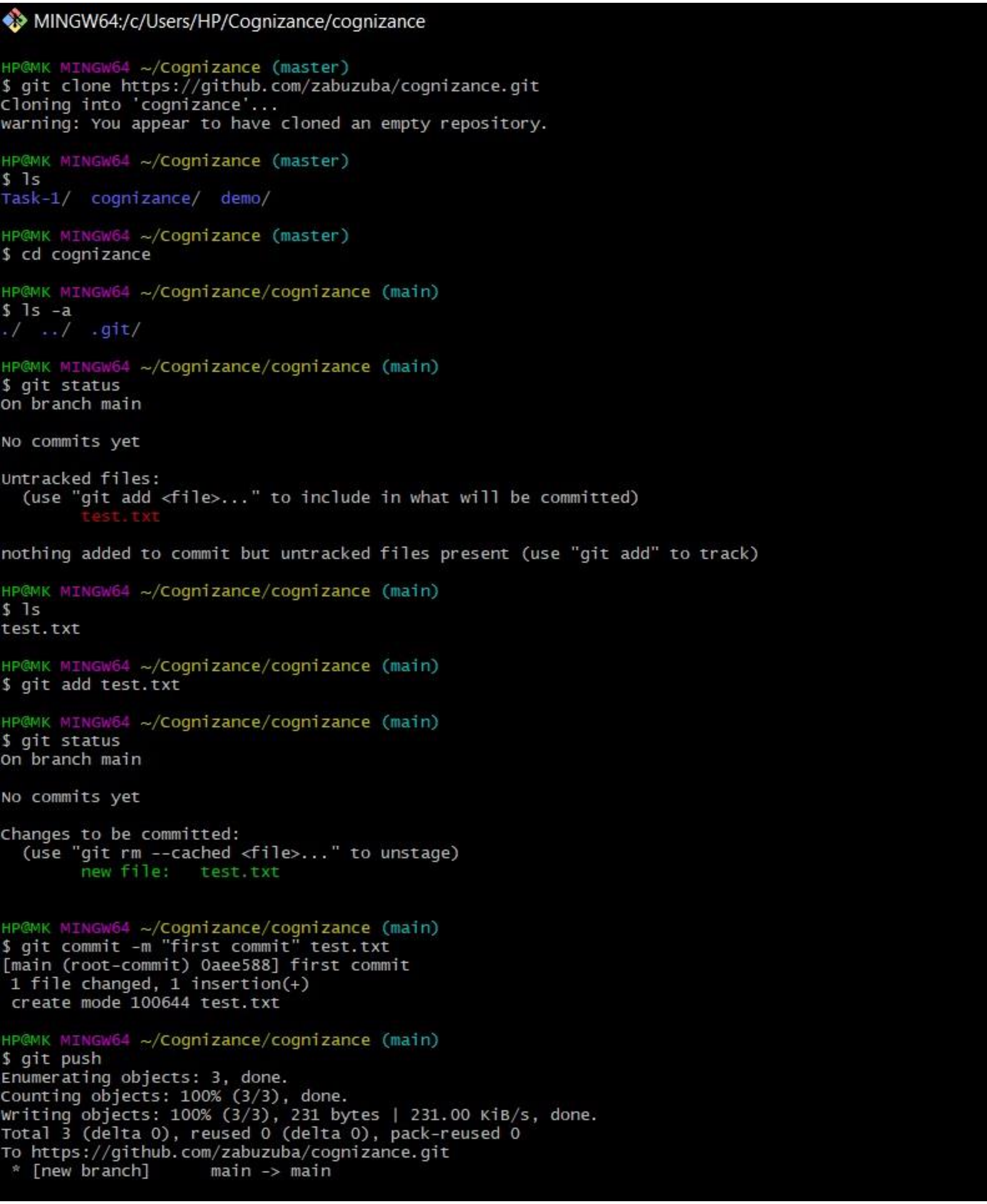
Task-1

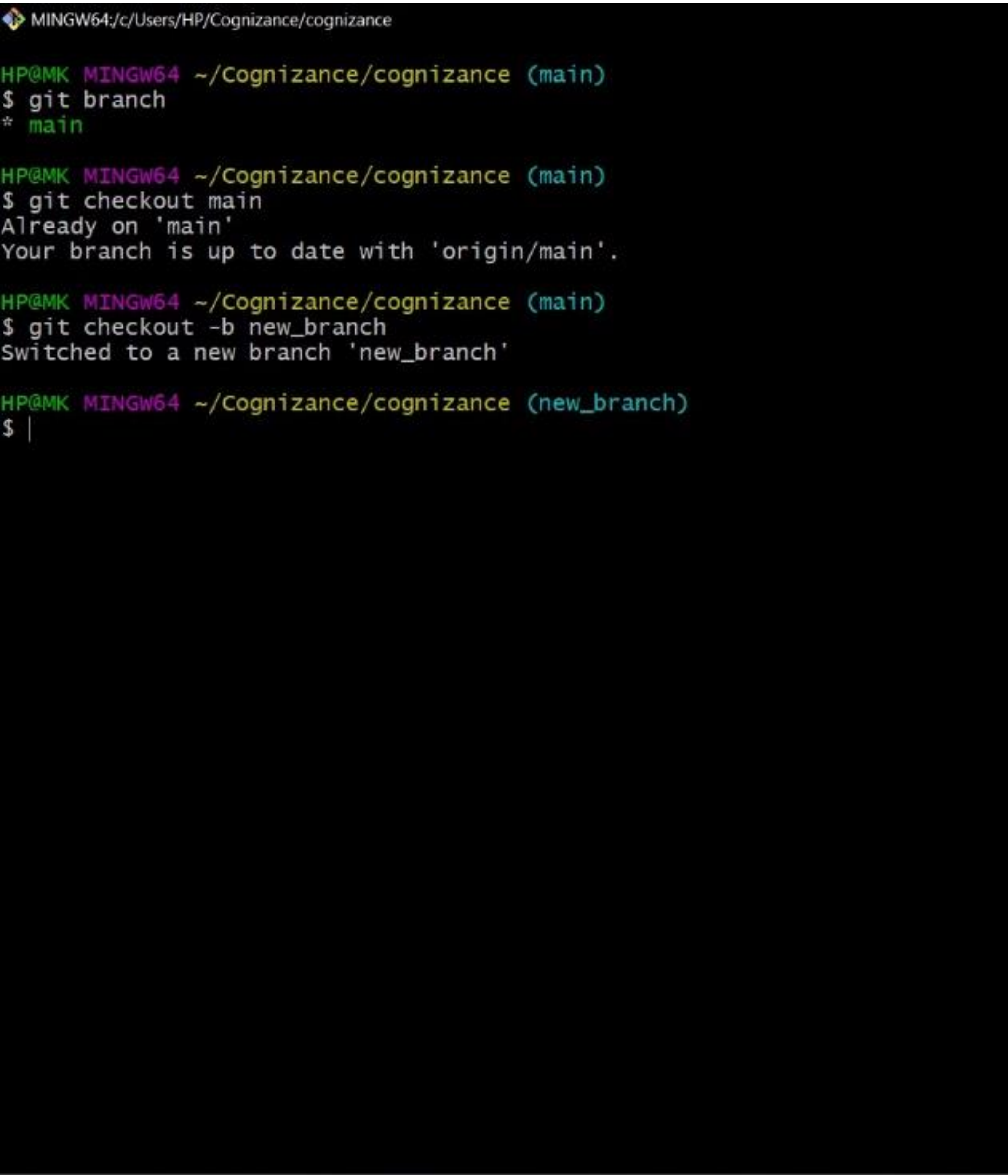
clone, status, add, commit, push



MINGW64:/c/Users/HP/Cognizance/cognizance

```
HP@MK MINGW64 ~/Cognizance (master)
$ git clone https://github.com/zabuzuba/cognizance.git
Cloning into 'cognizance'...
warning: You appear to have cloned an empty repository.

HP@MK MINGW64 ~/Cognizance (master)
$ ls
Task-1/  cognizance/  demo/

HP@MK MINGW64 ~/Cognizance (master)
$ cd cognizance

HP@MK MINGW64 ~/Cognizance/cognizance (main)
$ ls -a
./  ../  .git/

HP@MK MINGW64 ~/Cognizance/cognizance (main)
$ git status
On branch main

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        test.txt

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

HP@MK MINGW64 ~/Cognizance/cognizance (main)
$ ls
test.txt

HP@MK MINGW64 ~/Cognizance/cognizance (main)
$ git add test.txt

HP@MK MINGW64 ~/Cognizance/cognizance (main)
$ git status
On branch main

No commits yet

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


HP@MK MINGW64 ~/Cognizance/cognizance (main)
$ git commit -m "first commit" test.txt
[main (root-commit) 0aee588] first commit
 1 file changed, 1 insertion(+)
 create mode 100644 test.txt

HP@MK MINGW64 ~/Cognizance/cognizance (main)
$ git push
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 231 bytes | 231.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/zabuzuba/cognizance.git
 * [new branch]      main -> main
```

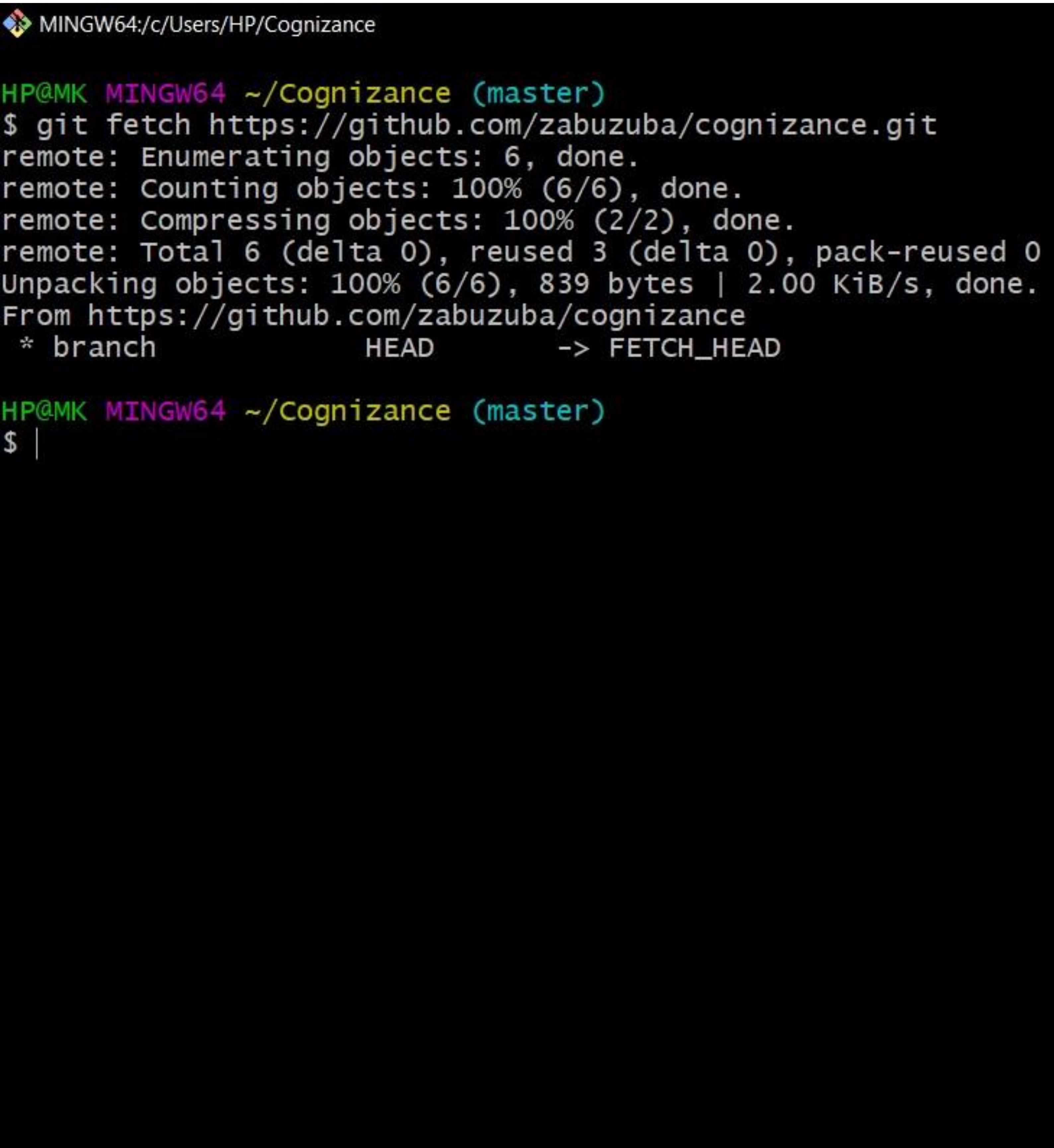
branch, checkout



MINGW64:/c/Users/HP/Cognizance/cognizance

```
HP@MK MINGW64 ~/Cognizance/cognizance (main)
$ git branch
* main

HP@MK MINGW64 ~/Cognizance/cognizance (main)
$ git checkout main
Already on 'main'
Your branch is up to date with 'origin/main'.

HP@MK MINGW64 ~/Cognizance/cognizance (main)
$ git checkout -b new_branch
Switched to a new branch 'new_branch'

HP@MK MINGW64 ~/Cognizance/cognizance (new_branch)
$ 
```

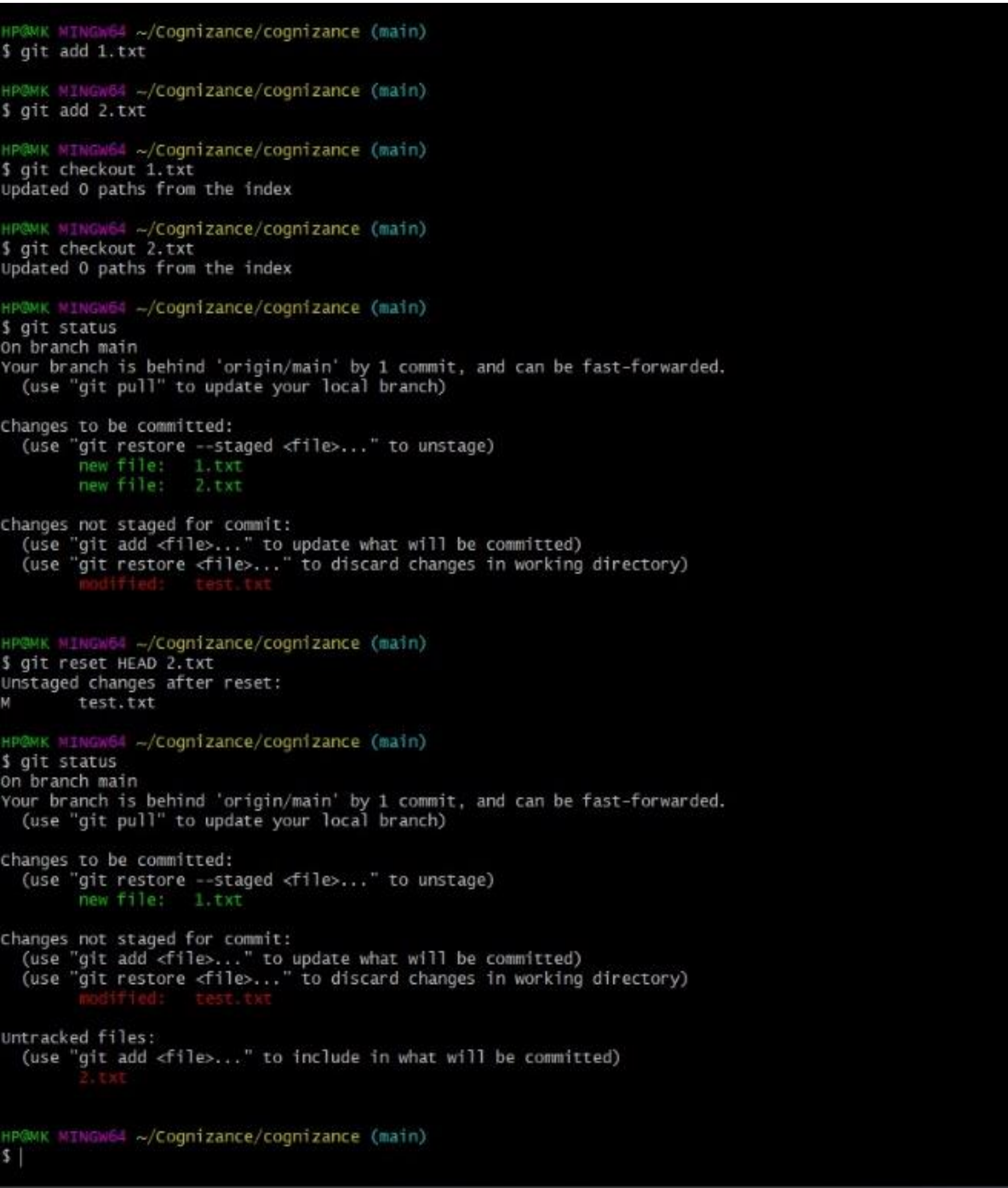
fetch



MINGW64:/c/Users/HP/Cognizance

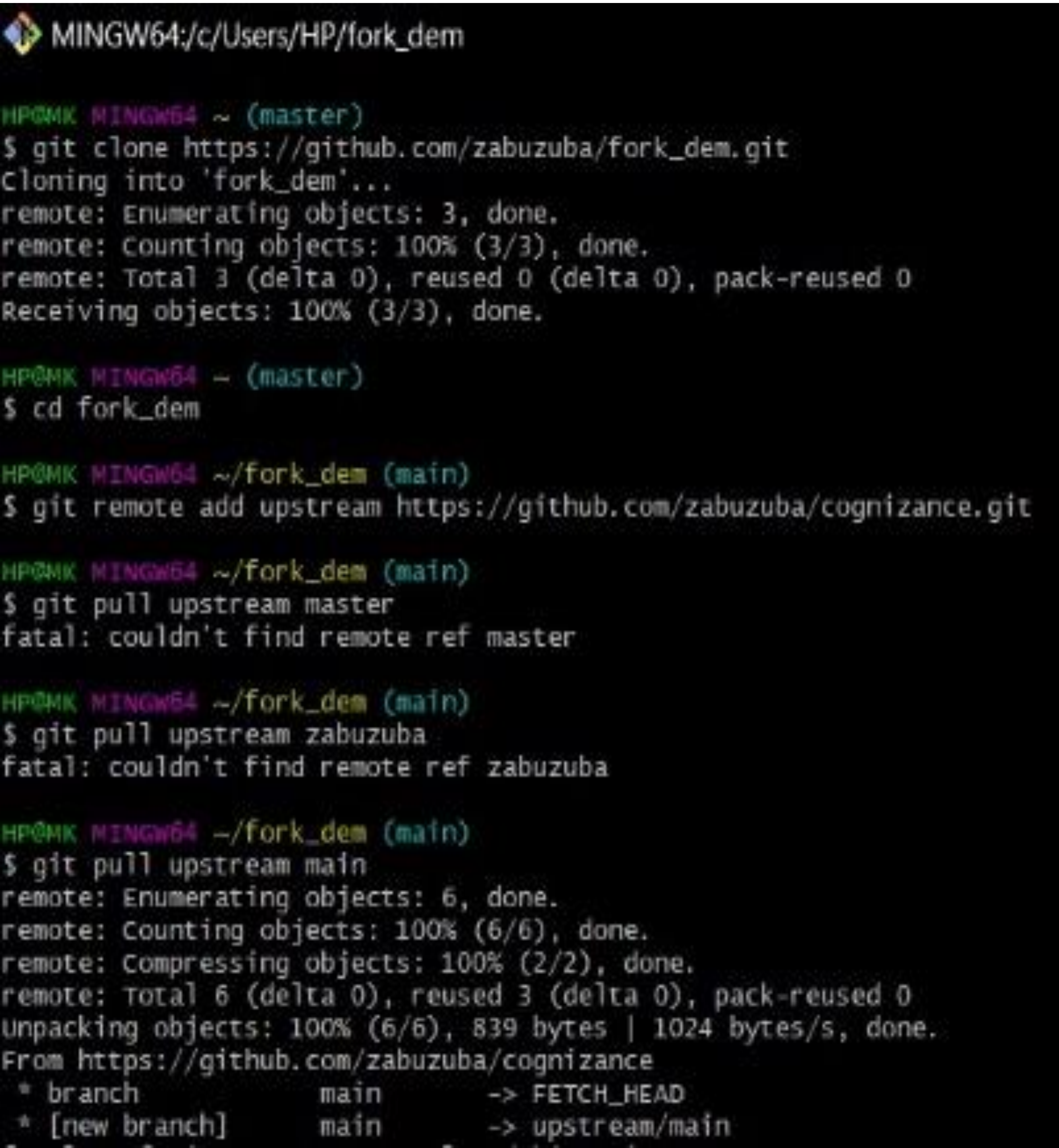
```
HP@MK MINGW64 ~/Cognizance (master)
$ git fetch https://github.com/zabuzuba/cognizance.git
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 6 (delta 0), reused 3 (delta 0), pack-reused 0
Unpacking objects: 100% (6/6), 839 bytes | 2.00 KiB/s, done.
From https://github.com/zabuzuba/cognizance
 * branch            HEAD       -> FETCH_HEAD

HP@MK MINGW64 ~/Cognizance (master)
$ |
```

reset



```
HP@MK MINGW64 ~/Cognizance/cognizance (main)
$ git add 1.txt

HP@MK MINGW64 ~/Cognizance/cognizance (main)
$ git add 2.txt

HP@MK MINGW64 ~/Cognizance/cognizance (main)
$ git checkout 1.txt
Updated 0 paths from the index

HP@MK MINGW64 ~/Cognizance/cognizance (main)
$ git checkout 2.txt
Updated 0 paths from the index

HP@MK MINGW64 ~/Cognizance/cognizance (main)
$ git status
On branch main
Your branch is behind 'origin/main' by 1 commit, and can be fast-forwarded.
  (use "git pull" to update your local branch)

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   1.txt
        new file:   2.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:   test.txt


HP@MK MINGW64 ~/Cognizance/cognizance (main)
$ git reset HEAD 2.txt
Unstaged changes after reset:
M       test.txt

HP@MK MINGW64 ~/Cognizance/cognizance (main)
$ git status
On branch main
Your branch is behind 'origin/main' by 1 commit, and can be fast-forwarded.
  (use "git pull" to update your local branch)

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   1.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:   test.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        2.txt


HP@MK MINGW64 ~/Cognizance/cognizance (main)
$ |
```

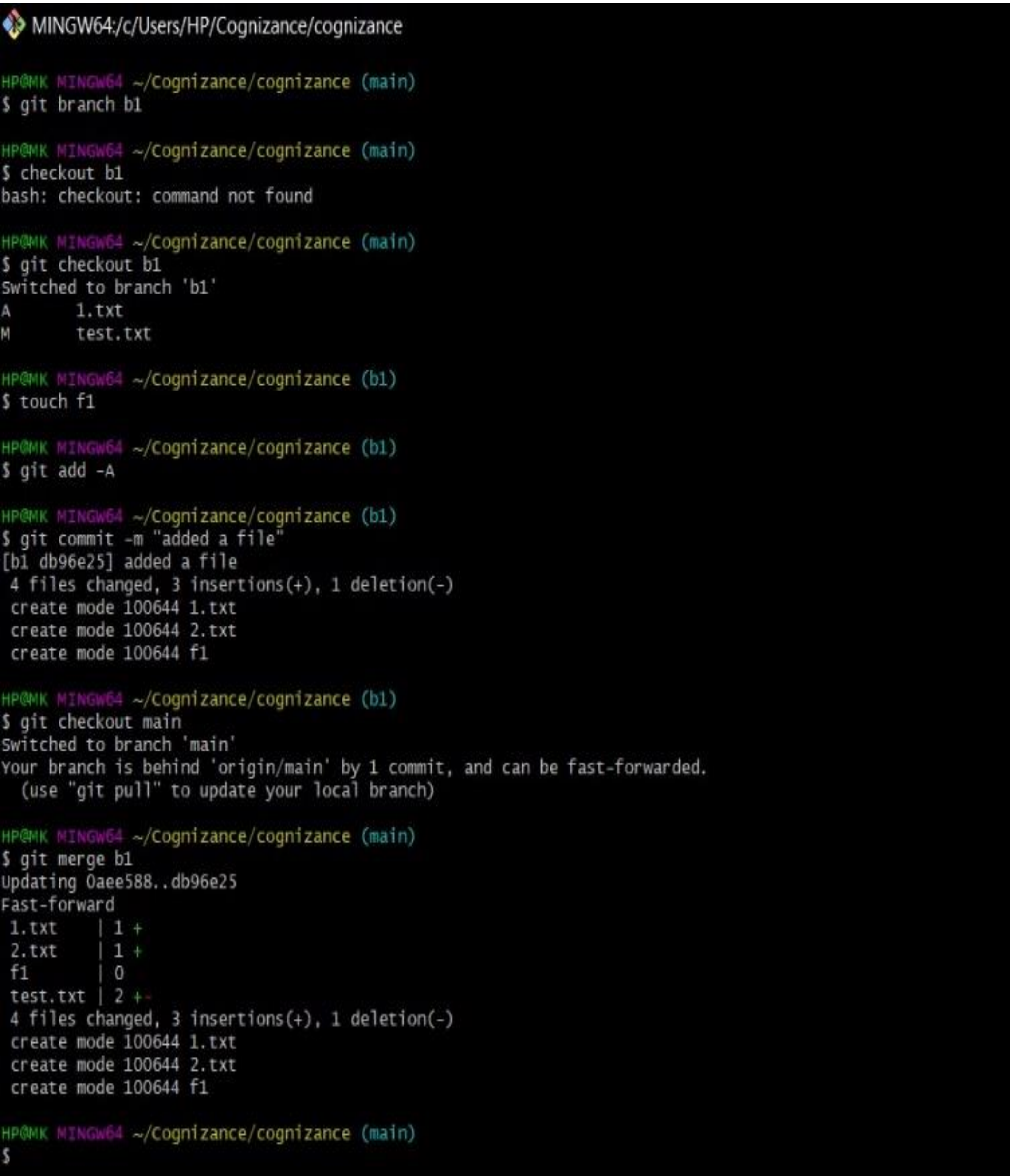
remote add upstream, pull upstream



MINGW64:/c/Users/HP/fork_dem

```
HP@MK MINGW64 ~ (master)
$ git clone https://github.com/zabuzuba/fork_dem.git
Cloning into 'fork_dem'...
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.

HP@MK MINGW64 ~ (master)
$ cd fork_dem

HP@MK MINGW64 ~/fork_dem (main)
$ git remote add upstream https://github.com/zabuzuba/cognizance.git

HP@MK MINGW64 ~/fork_dem (main)
$ git pull upstream master
fatal: couldn't find remote ref master

HP@MK MINGW64 ~/fork_dem (main)
$ git pull upstream zabuzuba
fatal: couldn't find remote ref zabuzuba

HP@MK MINGW64 ~/fork_dem (main)
$ git pull upstream main
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 6 (delta 0), reused 3 (delta 0), pack-reused 0
Unpacking objects: 100% (6/6), 839 bytes | 1024 bytes/s, done.
From https://github.com/zabuzuba/cognizance
 * branch            main       -> FETCH_HEAD
 * [new branch]      main       -> upstream/main
```

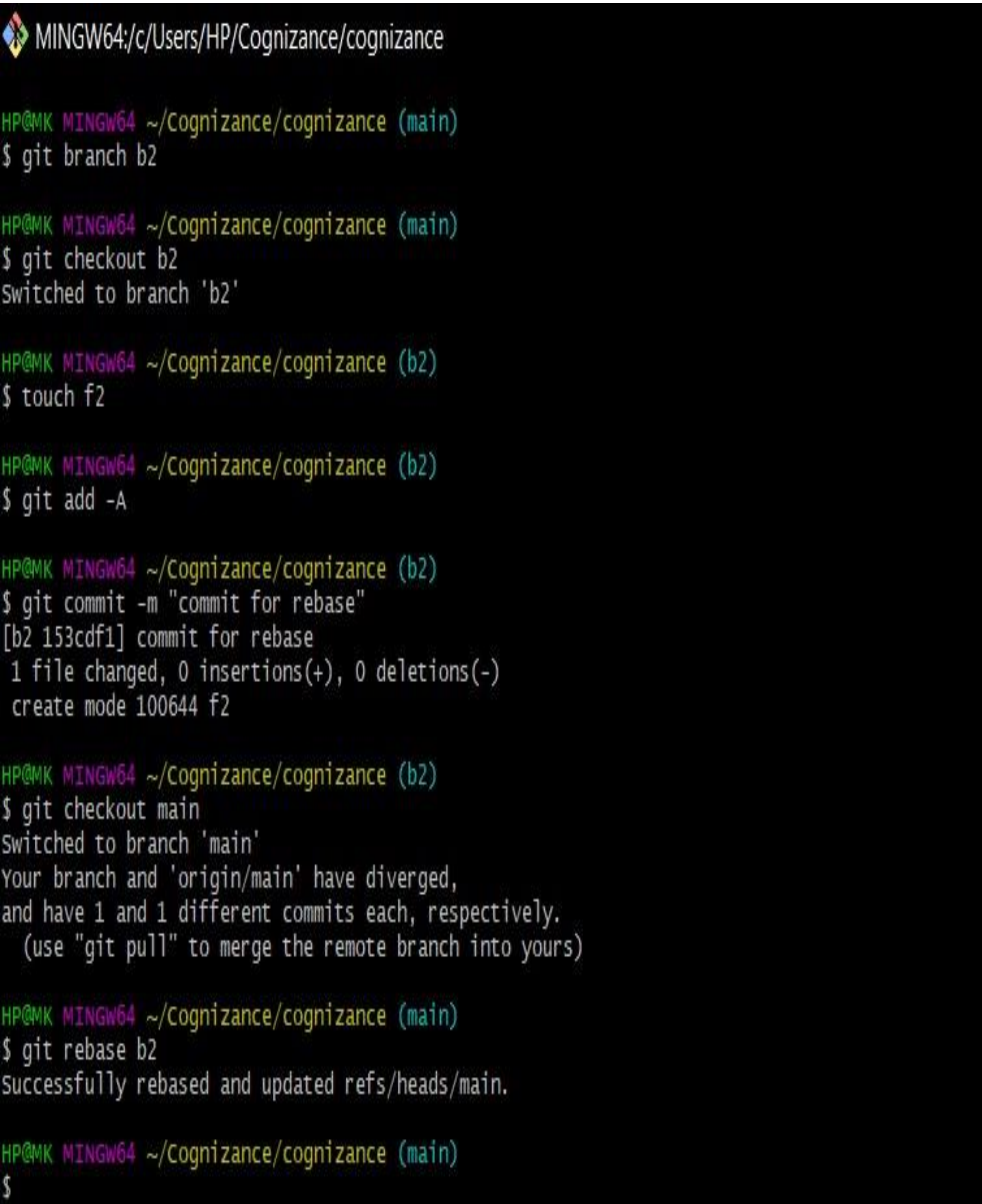
touch, merge



MINGW64:/c/Users/HP/Cognizance/cognizance

```
HP@MK MINGW64 ~/Cognizance/cognizance (main)
$ git branch b1

HP@MK MINGW64 ~/Cognizance/cognizance (main)
$ checkout b1
bash: checkout: command not found

HP@MK MINGW64 ~/Cognizance/cognizance (main)
$ git checkout b1
Switched to branch 'b1'
A       1.txt
M       test.txt

HP@MK MINGW64 ~/Cognizance/cognizance (b1)
$ touch f1

HP@MK MINGW64 ~/Cognizance/cognizance (b1)
$ git add -A

HP@MK MINGW64 ~/Cognizance/cognizance (b1)
$ git commit -m "added a file"
[b1 db96e25] added a file
 4 files changed, 3 insertions(+), 1 deletion(-)
 create mode 100644 1.txt
 create mode 100644 2.txt
 create mode 100644 f1

HP@MK MINGW64 ~/Cognizance/cognizance (b1)
$ git checkout main
Switched to branch 'main'
Your branch is behind 'origin/main' by 1 commit, and can be fast-forwarded.
  (use "git pull" to update your local branch)

HP@MK MINGW64 ~/Cognizance/cognizance (main)
$ git merge b1
Updating 0aee588..db96e25
Fast-forward
 1.txt    | 1 +
 2.txt    | 1 +
 f1       | 0
 test.txt | 2 +-
 4 files changed, 3 insertions(+), 1 deletion(-)
 create mode 100644 1.txt
 create mode 100644 2.txt
 create mode 100644 f1

HP@MK MINGW64 ~/Cognizance/cognizance (main)
$
```

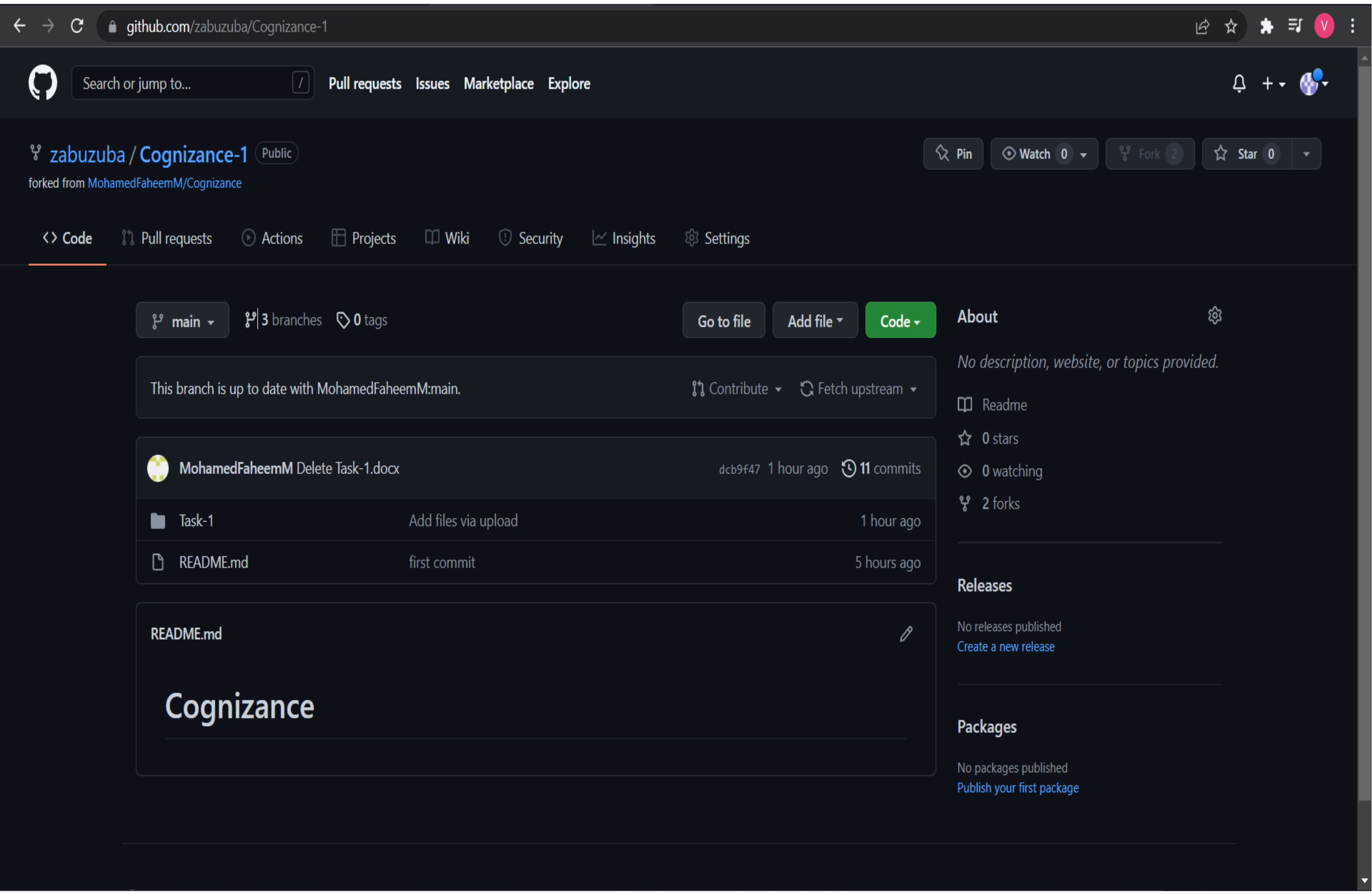
rebase



MINGW64:/c/Users/HP/Cognizance/cognizance

```
HP@MK MINGW64 ~/Cognizance/cognizance (main)
$ git branch b2

HP@MK MINGW64 ~/Cognizance/cognizance (main)
$ git checkout b2
Switched to branch 'b2'

HP@MK MINGW64 ~/Cognizance/cognizance (b2)
$ touch f2

HP@MK MINGW64 ~/Cognizance/cognizance (b2)
$ git add -A

HP@MK MINGW64 ~/Cognizance/cognizance (b2)
$ git commit -m "commit for rebase"
[b2 153cdf1] commit for rebase
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 f2

HP@MK MINGW64 ~/Cognizance/cognizance (b2)
$ git checkout main
Switched to branch 'main'
Your branch and 'origin/main' have diverged,
and have 1 and 1 different commits each, respectively.
  (use "git pull" to merge the remote branch into yours)

HP@MK MINGW64 ~/Cognizance/cognizance (main)
$ git rebase b2
Successfully rebased and updated refs/heads/main.

HP@MK MINGW64 ~/Cognizance/cognizance (main)
$
```

fork



github.com/zabuzuba/Cognizance-1

zabuzuba / Cognizance-1 Public

forked from MohamedFaheemM/Cognizance

main 3 branches 0 tags

This branch is up to date with MohamedFaheemM:main.

MohamedFaheemM Delete Task-1.docx	dcb9f47 1 hour ago	11 commits
Task-1	Add files via upload	1 hour ago
README.md	first commit	5 hours ago

README.md

Cognizance

About

No description, website, or topics provided.

Readme

0 stars

0 watching

2 forks

Releases

No releases published

Create a new release

Packages

No packages published

Publish your first package