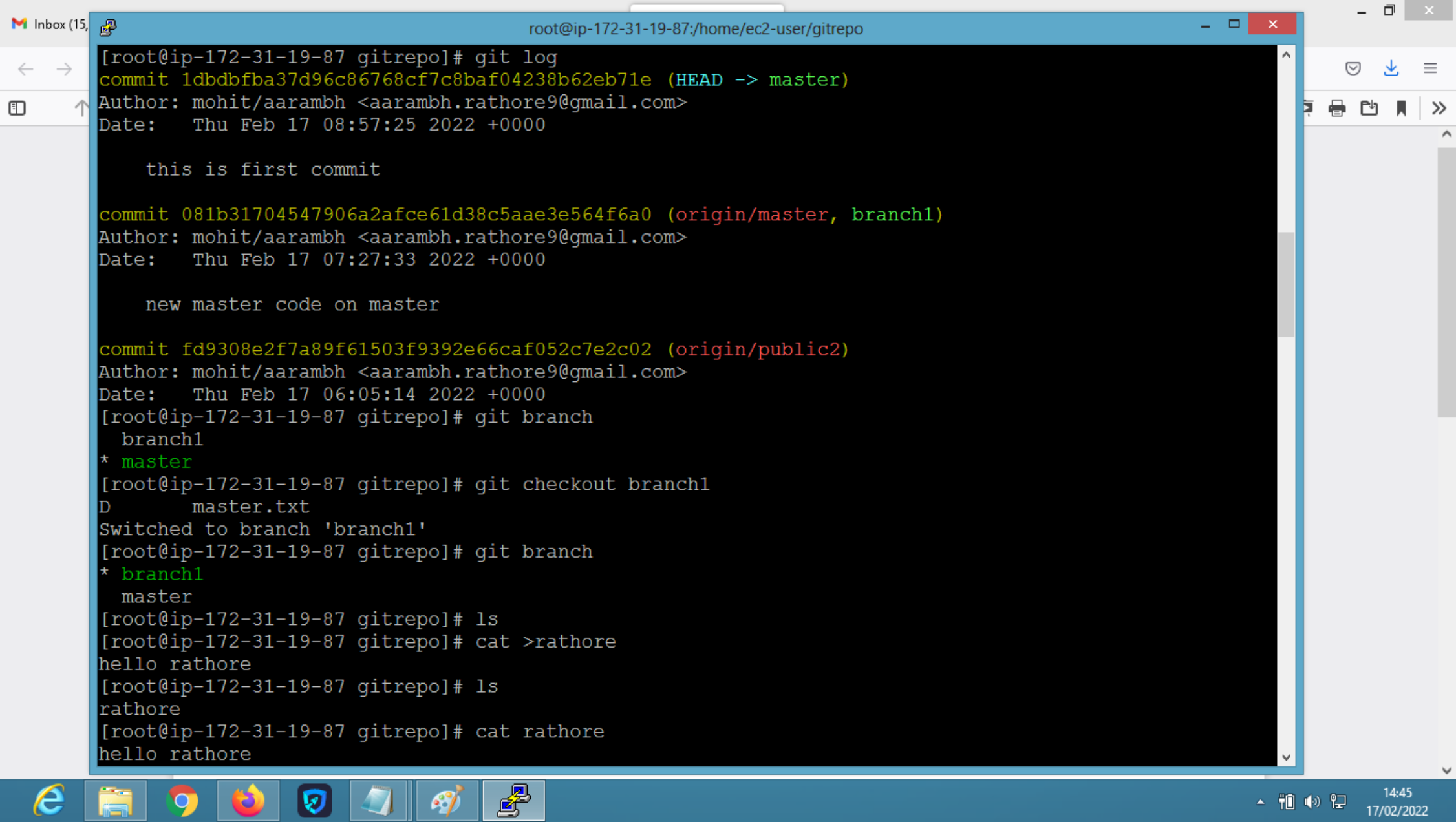


```
[root@ip-172-31-19-87 gitrepo]# git branch
* master
[root@ip-172-31-19-87 gitrepo]# git branch branch1
[root@ip-172-31-19-87 gitrepo]# git branch
  branch1
* master
[root@ip-172-31-19-87 gitrepo]# cat >rathore
hi rathore
[root@ip-172-31-19-87 gitrepo]# ls
rathore
[root@ip-172-31-19-87 gitrepo]# cat rathore
hi rathore
[root@ip-172-31-19-87 gitrepo]# git add rathore
[root@ip-172-31-19-87 gitrepo]# git commit -m "this is first commit"
[master ldbdbfb] this is first commit
 1 file changed, 1 insertion(+)
 create mode 100644 rathore
[root@ip-172-31-19-87 gitrepo]# git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)

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

no changes added to commit (use "git add" and/or "git commit -a")
[root@ip-172-31-19-87 gitrepo]# git log
commit ldbdbfba37d96c86768cf7c8baf04238b62eb71e (HEAD -> master)
Author: mohit/aarambh <aarambh.rathore9@gmail.com>
Date:   Thu Feb 17 08:57:25 2022 +0000
```



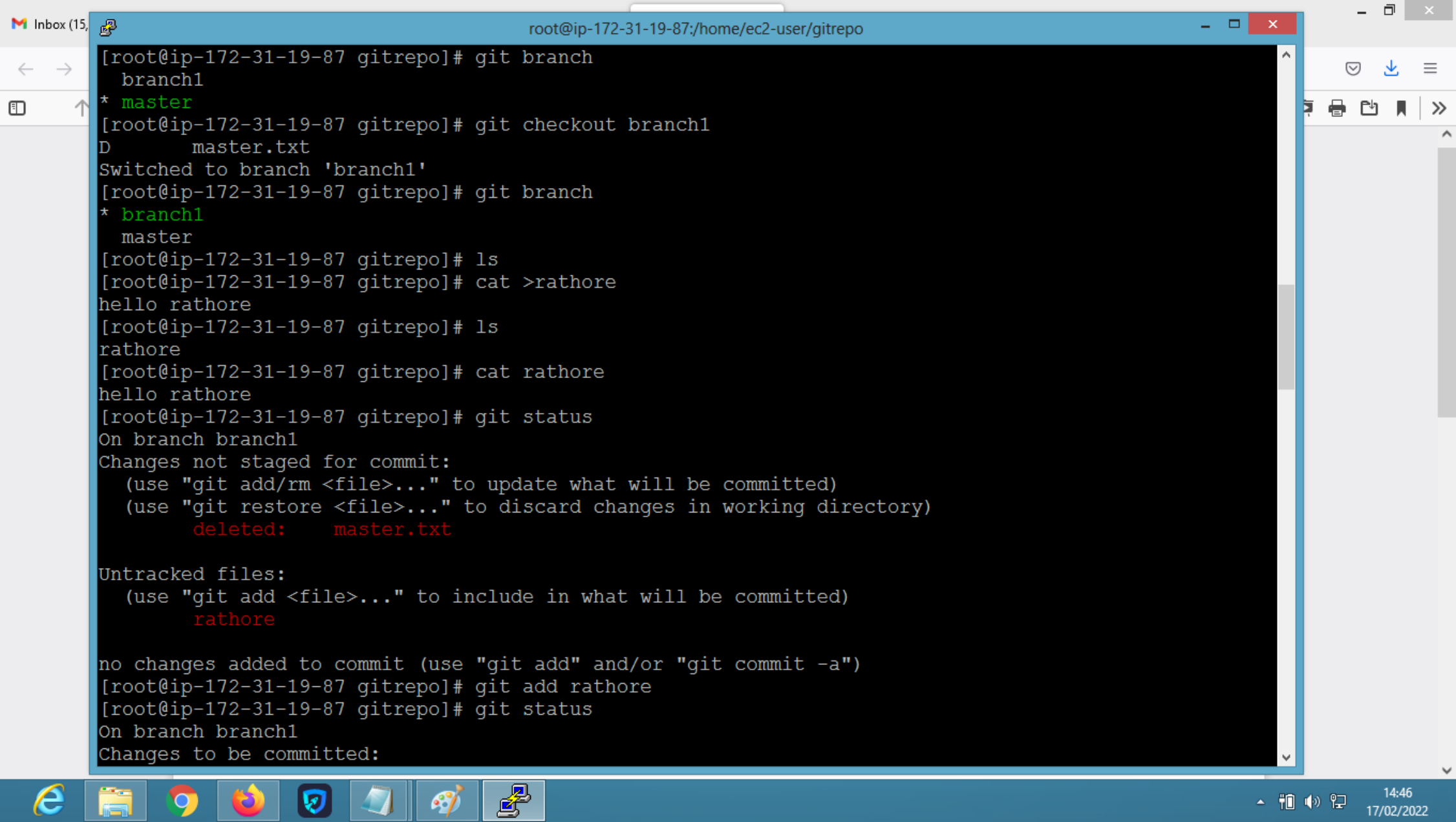
```
[root@ip-172-31-19-87 gitrepo]# git log
commit 1dbdbfba37d96c86768cf7c8baf04238b62eb71e (HEAD -> master)
Author: mohit/aarambh <aarambh.rathore9@gmail.com>
Date:   Thu Feb 17 08:57:25 2022 +0000

    this is first commit

commit 081b31704547906a2afce61d38c5aae3e564f6a0 (origin/master, branch1)
Author: mohit/aarambh <aarambh.rathore9@gmail.com>
Date:   Thu Feb 17 07:27:33 2022 +0000

    new master code on master

commit fd9308e2f7a89f61503f9392e66caf052c7e2c02 (origin/public2)
Author: mohit/aarambh <aarambh.rathore9@gmail.com>
Date:   Thu Feb 17 06:05:14 2022 +0000
[root@ip-172-31-19-87 gitrepo]# git branch
branch1
* master
[root@ip-172-31-19-87 gitrepo]# git checkout branch1
D      master.txt
Switched to branch 'branch1'
[root@ip-172-31-19-87 gitrepo]# git branch
* branch1
  master
[root@ip-172-31-19-87 gitrepo]# ls
rathore
[root@ip-172-31-19-87 gitrepo]# cat >rathore
hello rathore
[root@ip-172-31-19-87 gitrepo]# ls
rathore
[root@ip-172-31-19-87 gitrepo]# cat rathore
hello rathore
```



```
[root@ip-172-31-19-87 gitrepo]# git branch
  branch1
* master
[root@ip-172-31-19-87 gitrepo]# git checkout branch1
D      master.txt
Switched to branch 'branch1'
[root@ip-172-31-19-87 gitrepo]# git branch
* branch1
  master
[root@ip-172-31-19-87 gitrepo]# ls
[root@ip-172-31-19-87 gitrepo]# cat >rathore
hello rathore
[root@ip-172-31-19-87 gitrepo]# ls
rathore
[root@ip-172-31-19-87 gitrepo]# cat rathore
hello rathore
[root@ip-172-31-19-87 gitrepo]# git status
On branch branch1
Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        deleted:    master.txt

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

no changes added to commit (use "git add" and/or "git commit -a")
[root@ip-172-31-19-87 gitrepo]# git add rathore
[root@ip-172-31-19-87 gitrepo]# git status
On branch branch1
Changes to be committed:
```



```
[root@ip-172-31-19-87 gitrepo]# git add rathore
[root@ip-172-31-19-87 gitrepo]# git status
On branch branch1
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   rathore

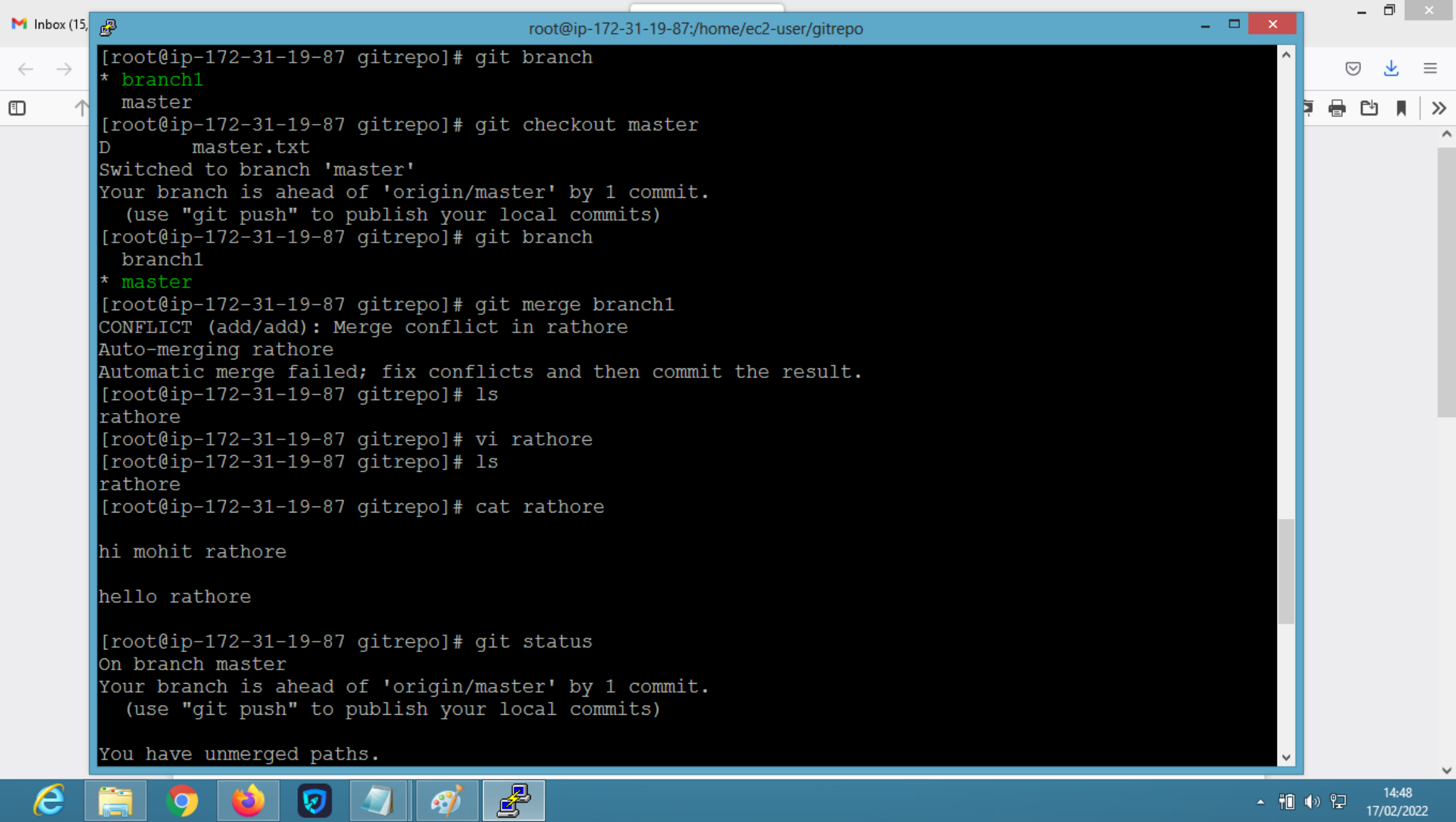
Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    deleted:    master.txt

[root@ip-172-31-19-87 gitrepo]# git commit -m "second commit"
[branch1 eb6af4f] second commit
 1 file changed, 1 insertion(+)
 create mode 100644 rathore
[root@ip-172-31-19-87 gitrepo]# git status
On branch branch1
Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    deleted:    master.txt

no changes added to commit (use "git add" and/or "git commit -a")
[root@ip-172-31-19-87 gitrepo]# git log
commit eb6af4f88678c186ac5fa22c34adf2bc9d977936 (HEAD -> branch1)
Author: mohit/aarambh <aarambh.rathore9@gmail.com>
Date:   Thu Feb 17 09:02:08 2022 +0000

    second commit

commit 081b31704547906a2afce61d38c5aae3e564f6a0 (origin/master)
```



```
[root@ip-172-31-19-87 gitrepo]# git branch
```

```
* branch1
```

```
master
```

```
[root@ip-172-31-19-87 gitrepo]# git checkout master
```

```
D      master.txt
```

```
Switched to branch 'master'
```

```
Your branch is ahead of 'origin/master' by 1 commit.
```

```
(use "git push" to publish your local commits)
```

```
[root@ip-172-31-19-87 gitrepo]# git branch
```

```
branch1
```

```
* master
```

```
[root@ip-172-31-19-87 gitrepo]# git merge branch1
```

```
CONFLICT (add/add): Merge conflict in rathore
```

```
Auto-merging rathore
```

```
Automatic merge failed; fix conflicts and then commit the result.
```

```
[root@ip-172-31-19-87 gitrepo]# ls
```

```
rathore
```

```
[root@ip-172-31-19-87 gitrepo]# vi rathore
```

```
[root@ip-172-31-19-87 gitrepo]# ls
```

```
rathore
```

```
[root@ip-172-31-19-87 gitrepo]# cat rathore
```

```
hi mohit rathore
```

```
hello rathore
```

```
[root@ip-172-31-19-87 gitrepo]# git status
```

```
On branch master
```

```
Your branch is ahead of 'origin/master' by 1 commit.
```

```
(use "git push" to publish your local commits)
```

```
You have unmerged paths.
```

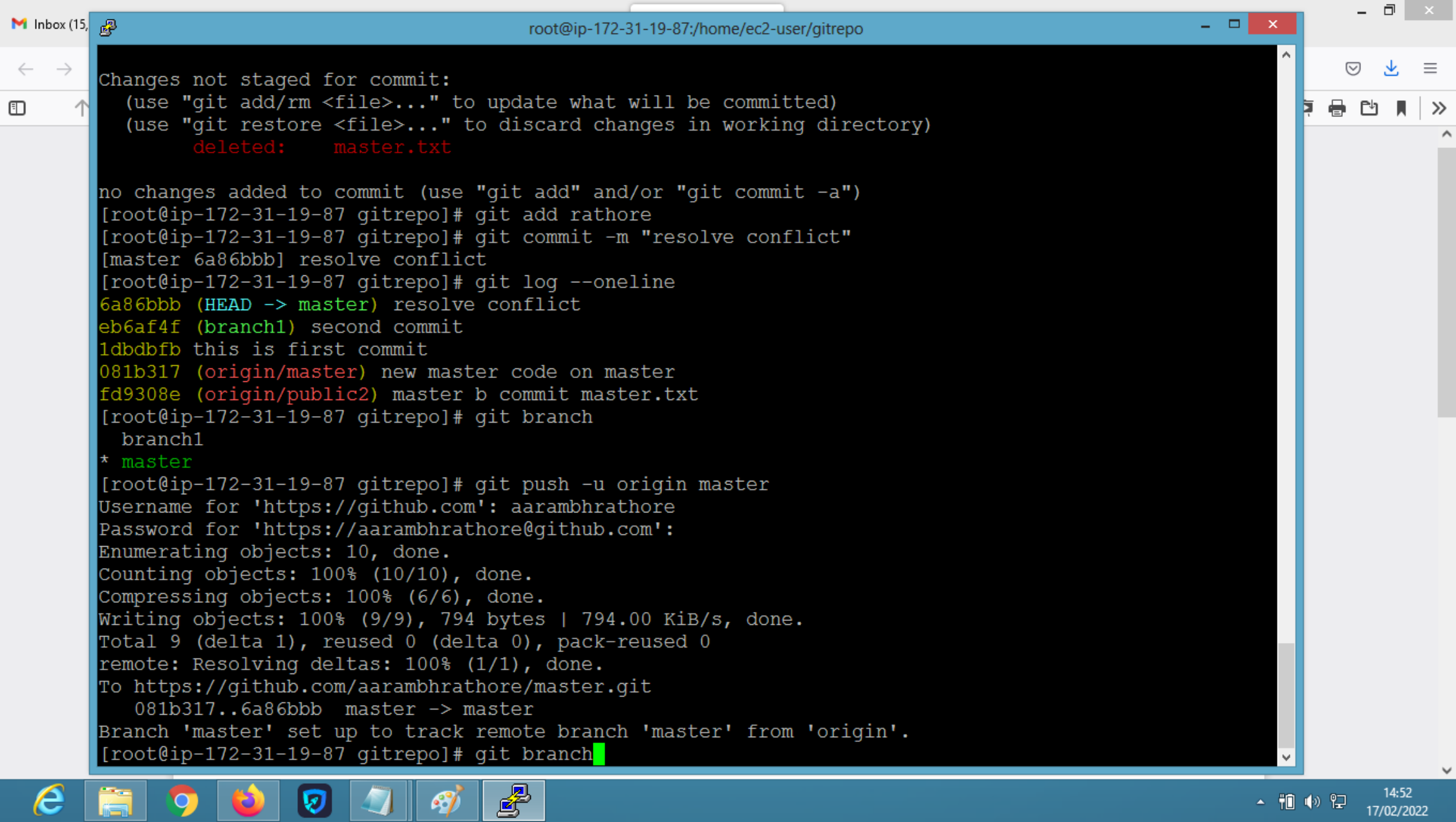
```
[root@ip-172-31-19-87 gitrepo]# git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)

You have unmerged paths.
  (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)

Unmerged paths:
  (use "git add <file>..." to mark resolution)
        both added:      rathore

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

no changes added to commit (use "git add" and/or "git commit -a")
[root@ip-172-31-19-87 gitrepo]# git add rathore
[root@ip-172-31-19-87 gitrepo]# git commit -m "resolve conflict"
[master 6a86bbb] resolve conflict
[root@ip-172-31-19-87 gitrepo]# git log --oneline
6a86bbb (HEAD -> master) resolve conflict
eb6af4f (branch1) second commit
1dbdbfb this is first commit
081b317 (origin/master) new master code on master
fd9308e (origin/public2) master b commit master.txt
[root@ip-172-31-19-87 gitrepo]# git branch
  branch1
* master
[root@ip-172-31-19-87 gitrepo]# git push -u origin master
```









master ▾    **master / rathore**    Go to file    ...

**aarambhrathore** resolve conflict    Latest commit 6a86bbb 16 minutes ago    ⌚ History

1 contributor

5 lines (2 sloc)    34 Bytes    Raw Blame

```
1
2 hi mohit rathore
3
4 hello rathore
5
```