```
root@ip-172-31-18-161:/home/mmanojsimplilea/akshatproj# git branch
  branch1
* master
root@ip-172-31-18-161:/home/mmanojsimplilea/akshatproj# git branch branch2
root@ip-172-31-18-161:/home/mmanojsimplilea/akshatproj# git checkout branch2
Switched to branch 'branch2'
root@ip-172-31-18-161:/home/mmanojsimplilea/akshatproj#
root@ip-172-31-18-161:/home/mmanojsimplilea/akshatproj# git branch
  branch1
* branch2
 master
rantain 170 01 10 161./homa/mmanaisimalilas/akahatarai# 🖩
root@ip-172-31-18-161:/home/mmanojsimplilea/akshatproj# touch file17
root@ip-172-31-18-161:/home/mmanojsimplilea/akshatproj# git add .
root@ip-172-31-18-161:/home/mmanojsimplilea/akshatproj# git commit -m"c8"
[branch2 33c32b3] c8
1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 file17
root@ip-172-31-18-161:/home/mmanojsimplilea/akshatproj# touch file18
root@ip-172-31-18-161:/home/mmanojsimplilea/akshatproj# qit add .
root@ip-172-31-18-161:/home/mmanojsimplilea/akshatproj# git commit -m"c9"
[branch2 fc0d8c0] c9
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 file18
root@ip-172-31-18-161:/home/mmanojsimplilea/akshatproj#
rile Eult view Search leithillai neip
root@ip-172-31-18-161:/home/mmanojsimplilea/akshatproj# git branch
 branch1
* branch2
 master
root@ip-172-31-18-161:/home/mmanojsimplilea/akshatproj# git checkout master
Switched to branch 'master'
Your branch is ahead of 'origin/master' by 5 commits.
  (use "git push" to publish your local commits)
root@ip-172-31-18-161:/home/mmanoisimplilea/akshatproi#
```

```
root@ip-172-31-18-161:/home/mmanojsimplilea/akshatproj# touch file20
root@ip-172-31-18-161:/home/mmanojsimplilea/akshatproj# git add .
root@ip-172-31-18-161:/home/mmanojsimplilea/akshatproj# git commit -m"c6*
[master c967891] c6
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 file20
root@ip-172-31-18-161:/home/mmanojsimplilea/akshatproj# touch file21
root@ip-172-31-18-161:/home/mmanojsimplilea/akshatproj# git add.
root@ip-172-31-18-161:/home/mmanojsimplilea/akshatproj# git commit -m"c7"
[master 41350cf] c7
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 file21
root@ip-172-31-18-161:/home/mmanojsimplilea/akshatproj#
root@ip-172-31-18-161:/home/mmanojsimplilea/akshatproj# git branch
 branch1
 branch2
* master
root@ip-172-31-18-161:/home/mmanojsimplilea/akshatproj# git rebase branch2
Successfully rebased and updated refs/heads/master.
root@ip-172-31-18-161:/home/mmanojsimplilea/akshatproj# git log --oneline --graph
  111f3fe (HEAD -> master) c7
* celff5f c6
* fc0d8c0 (branch2) c9
* 33c32b3 c8
  2ad56f2 Merge branch 'branch1'
 * e4503b8 (branch1) c2
| * 842543c c1
 | 5fe1064 c4
 98c8657 c3
* 2a4d83c (origin/master) fourth commit
* 6ae2b70 Create testfile
* 6d5e102 gitignore creatdd
* 11aa284 sunita
* f6b89ab this is third commit
* 04548b9 akshat.txt file created:
* ce20d3b Created index.html file
root@ip-172-31-18-161:/home/mmanojsimplilea/akshatproj#
root@ip-172-31-18-161:/home/mmanojsimplilea/akshatproj# git push -u origin master
Username for 'https://github.com': akshu20791
Password for 'https://akshu20791@github.com':
Enumerating objects: 19, done.
Counting objects: 100% (19/19), done.
Delta compression using up to 4 threads
Compressing objects: 100% (18/18), done.
Writing objects: 100% (18/18), 1.69 KiB | 1.69 MiB/s, done.
Total 18 (delta 9), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (9/9), done.
```

