

```
[ec2-user@ip-172-31-87-255 ~]$ sudo su
[root@ip-172-31-87-255 ec2-user]# ls
gitrepo
[root@ip-172-31-87-255 ec2-user]# cd gitrepo
[root@ip-172-31-87-255 gitrepo]# git branch feature
[root@ip-172-31-87-255 gitrepo]# git branch
  develop
  feature
  feature1
  feature2
* master
[root@ip-172-31-87-255 gitrepo]# git merge feature
Already up to date.
[root@ip-172-31-87-255 gitrepo]# ls
a.txt  b.txt  c.txt  d.txt  master.txt
[root@ip-172-31-87-255 gitrepo]# git checkout feature
Switched to branch 'feature'
[root@ip-172-31-87-255 gitrepo]# ls
a.txt  b.txt  c.txt  d.txt  master.txt
[root@ip-172-31-87-255 gitrepo]# git branch
  develop
* feature
  feature1
  feature2
  master
[root@ip-172-31-87-255 gitrepo]# git branch hotfix
[root@ip-172-31-87-255 gitrepo]# ls
a.txt  b.txt  c.txt  d.txt  master.txt
[root@ip-172-31-87-255 gitrepo]# git branch
  develop
```

```
[root@ip-172-31-87-255 gitrepo]# git branch hotfix
[root@ip-172-31-87-255 gitrepo]# ls
a.txt  b.txt  c.txt  d.txt  master.txt
[root@ip-172-31-87-255 gitrepo]# git branch
develop
* feature
feature1
feature2
hotfix
master
[root@ip-172-31-87-255 gitrepo]# git checkut hotfix
git: 'checkut' is not a git command. See 'git --help'.

The most similar command is
checkout
[root@ip-172-31-87-255 gitrepo]# git checkout hotfix
Switched to branch 'hotfix'
[root@ip-172-31-87-255 gitrepo]# ls
a.txt  b.txt  c.txt  d.txt  master.txt
[root@ip-172-31-87-255 gitrepo]# git branch
develop
feature
feature1
feature2
* hotfix
master
[root@ip-172-31-87-255 gitrepo]# cat >hot.txt
hi mohit
[root@ip-172-31-87-255 gitrepo]# ls
a.txt  b.txt  c.txt  d.txt  hot.txt  master.txt
```

```
[root@ip-172-31-87-255 gitrepo]# git branch
develop
feature
feature1
feature2
* master
[root@ip-172-31-87-255 gitrepo]# git merge feature
Already up to date.
[root@ip-172-31-87-255 gitrepo]# ls
a.txt b.txt c.txt d.txt master.txt
[root@ip-172-31-87-255 gitrepo]# git checkout feature
Switched to branch 'feature'
[root@ip-172-31-87-255 gitrepo]# ls
a.txt b.txt c.txt d.txt master.txt
[root@ip-172-31-87-255 gitrepo]# git branch
develop
* feature
feature1
feature2
master
[root@ip-172-31-87-255 gitrepo]# git branch hotfix
[root@ip-172-31-87-255 gitrepo]# ls
a.txt b.txt c.txt d.txt master.txt
[root@ip-172-31-87-255 gitrepo]# git branch
develop
* feature
feature1
feature2
hotfix
master
```

Date: Tue Feb 22 05:29:18 2022 +0000

Merge branch 'feature1' into develop

commit 0661ab54bd38e9a176f6f974644a1fb969a05f43 (feature2)

Author: mohit/rathore <mohit.rathore4@gmail.com>

Date: Tue Feb 22 05:28:25 2022 +0000

[root@ip-172-31-87-255 gitrepo]# git merge master

Already up to date.

[root@ip-172-31-87-255 gitrepo]# git branch

develop
feature
feature1
feature2

* hotfix

master

[root@ip-172-31-87-255 gitrepo]# git checkout master

Switched to branch 'master'

[root@ip-172-31-87-255 gitrepo]# ls

a.txt b.txt c.txt d.txt master.txt

[root@ip-172-31-87-255 gitrepo]# git merge hotfix

Updating c726ab1..b371281

Fast-forward

gitrepo/hot.txt | 1 +

gitrepo/urgent.txt | 1 +

2 files changed, 2 insertions(+)

create mode 100644 gitrepo/hot.txt

create mode 100644 gitrepo/urgent.txt

[root@ip-172-31-87-255 gitrepo]# ls

a.txt b.txt c.txt d.txt hot.txt master.txt urgent.txt

```
error: failed to push some refs to 'https://github.com/mohitratho/mohit.git'
hint: Updates were rejected because the remote contains work that you do
hint: not have locally. This is usually caused by another repository pushing
hint: to the same ref. You may want to first integrate the remote changes
hint: (e.g., 'git pull ...') before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
```

```
[root@ip-172-31-87-255 gitrepo]# git branch
```

```
develop
feature
feature1
feature2
hotfix
* master
```

```
[root@ip-172-31-87-255 gitrepo]# git push -u origin hotfix
```

```
Username for 'https://github.com': mohitratho
```

```
Password for 'https://mohitratho@github.com':
```

```
Enumerating objects: 10, done.
```

```
Counting objects: 100% (10/10), done.
```

```
Compressing objects: 100% (4/4), done.
```

```
Writing objects: 100% (8/8), 634 bytes | 634.00 KiB/s, done.
```

```
Total 8 (delta 2), reused 0 (delta 0), pack-reused 0
```

```
remote: Resolving deltas: 100% (2/2), completed with 1 local object.
```

```
remote:
```

```
remote: Create a pull request for 'hotfix' on GitHub by visiting:
```

```
remote:      https://github.com/mohitratho/mohit/pull/new/hotfix
```

```
remote:
```

```
To https://github.com/mohitratho/mohit.git
```

```
* [new branch]      hotfix -> hotfix
```

```
Branch 'hotfix' set up to track remote branch 'hotfix' from 'origin'.
```

```
[root@ip-172-31-87-255 gitrepo]#
```


This branch is 10 commits ahead, 5 commits behind master. 🤝 Contribute ▾

🌱	mohitratho Push a urgent.txt on master using hotfix	b371281 14 minutes ago	🕒 History
..			
📄	a.txt	second commit	2 hours ago
📄	b.txt	fourth commit	2 hours ago
📄	c.txt	third commit	2 hours ago
📄	d.txt	fifth commit	2 hours ago
📄	hot.txt	Push a hot.txt on master using hotfix	16 minutes ago
📄	master.txt	first commit	2 hours ago
📄	urgent.txt	Push a urgent.txt on master using hotfix	14 minutes ago

urgent.txt