

ubuntu@ip-172-31-25-3:~$ mkdir assmt5

ubuntu@ip-172-31-25-3:~$ cd assmt5

ubuntu@ip-172-31-25-3:~/assmt5$ vi main.txt

ubuntu@ip-172-31-25-3:~/assmt5$ git init

Initialized empty Git repository in /home/ubuntu/assmt5/.git/

ubuntu@ip-172-31-25-3:~/assmt5$ git add .

ubuntu@ip-172-31-25-3:~/assmt5$ git commit -m "This is first commit"

[master (root-commit) e36da2f] This is first commit

1 file changed, 1 insertion(+)

create mode 100644 main.txt

ubuntu@ip-172-31-25-3:~/assmt5$ git branch develop

ubuntu@ip-172-31-25-3:~/assmt5$ git branch feature1

ubuntu@ip-172-31-25-3:~/assmt5$ git branch feature2

ubuntu@ip-172-31-25-3:~/assmt5$ git branch

develop

feature1

feature2

\* master

ubuntu@ip-172-31-25-3:~/assmt5$ git checkout feature1

Switched to branch 'feature1'

ubuntu@ip-172-31-25-3:~/assmt5$ git merge origin master

merge: origin - not something we can merge

ubuntu@ip-172-31-25-3:~/assmt5$ git checkout master

Switched to branch 'master'

ubuntu@ip-172-31-25-3:~/assmt5$ git merge feature1

Already up to date.

ubuntu@ip-172-31-25-3:~/assmt5$ git merge feature2

Already up to date.

ubuntu@ip-172-31-25-3:~/assmt5$ git branch hotfix

ubuntu@ip-172-31-25-3:~/assmt5$ git checkout hotfix

Switched to branch 'hotfix'

ubuntu@ip-172-31-25-3:~/assmt5$ git branch

develop

feature1

feature2

\* hotfix

master

ubuntu@ip-172-31-25-3:~/assmt5$ ls

main.txt

ubuntu@ip-172-31-25-3:~/assmt5$ vi urgent.txt

ubuntu@ip-172-31-25-3:~/assmt5$ git add .

ubuntu@ip-172-31-25-3:~/assmt5$ git commit -m "This is hotfix commit"

[hotfix c8bfea7] This is hotfix commit

1 file changed, 1 insertion(+)

create mode 100644 urgent.txt

ubuntu@ip-172-31-25-3:~/assmt5$ git checkout master

Switched to branch 'master'

ubuntu@ip-172-31-25-3:~/assmt5$ git merge hotfix

Updating e36da2f..c8bfea7

Fast-forward

urgent.txt | 1 +

1 file changed, 1 insertion(+)

create mode 100644 urgent.txt

ubuntu@ip-172-31-25-3:~/assmt5$