

# Lab11 report

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11510352 李子强

## Commands

```
git init

touch 1.c
git add .
git commit -m "add 1.c"

mv 1.c 2.c
git add .
git commit -m "add 2.c"

git checkout -b dev
mv 2.c 3.c
git add .
git commit -m "new branch and add 3.c"

mv 3.c 4.c
git add .
git commit -m "modified 4.c"

git checkout master
mv 2.c 5.c
git add .
git commit -m "modified 5.c"

git checkout -b hotfix

git checkout master
git merge dev

git checkout hotfix
mv 5.c 6.c
git add .
git commit -m "branch hotfix and modified 6.c"

mv 6.c 7.c
git add .
git commit -m "modified 7.c"

git checkout master
git rebase --onto master master hotfix

git checkout master
git merge hotfix
```

```
mv 7.c 8.c
git add .
git commit -m "modified 8.c"

git log
git log --all --decorate --oneline --graph
```

## Log

```
commit aaa17def1676e6a384267cb203ea091f00aa1b9c
Author: lizi_wl <leezisy@gmail.com>
Date: Mon May 28 20:28:29 2018 +0800

    modified 8.c

commit b3d7b26a75c370835a999490436282713c3f8b14
Author: lizi_wl <leezisy@gmail.com>
Date: Mon May 28 20:26:46 2018 +0800

    modified 7.c

commit 12fc5250e72a2dd93f464434ac65f00b043ffe57
Author: lizi_wl <leezisy@gmail.com>
Date: Mon May 28 20:26:43 2018 +0800

    branch hotfix and modified 6.c

commit a98f4961aabbbe30cff63e31ea68be844631ede12
Merge: 9015673 4cdf462
Author: lizi_wl <leezisy@gmail.com>
Date: Mon May 28 20:26:09 2018 +0800

    Merge branch 'dev'

commit 9015673f93f42d2f103cb0cccee937b63c2c9c65
Author: lizi_wl <leezisy@gmail.com>
Date: Mon May 28 20:24:35 2018 +0800

    modified 5.c

commit 4cdf4620828110152d99b3b118f111e76b9a89d5
Author: lizi_wl <leezisy@gmail.com>
Date: Mon May 28 20:24:33 2018 +0800

    modified 4.c

commit 5a0aa0566576299fe0f9de18a6bdd06eed1c5a43
Author: lizi_wl <leezisy@gmail.com>
Date: Mon May 28 20:24:32 2018 +0800

    new branch and add 3.c
```

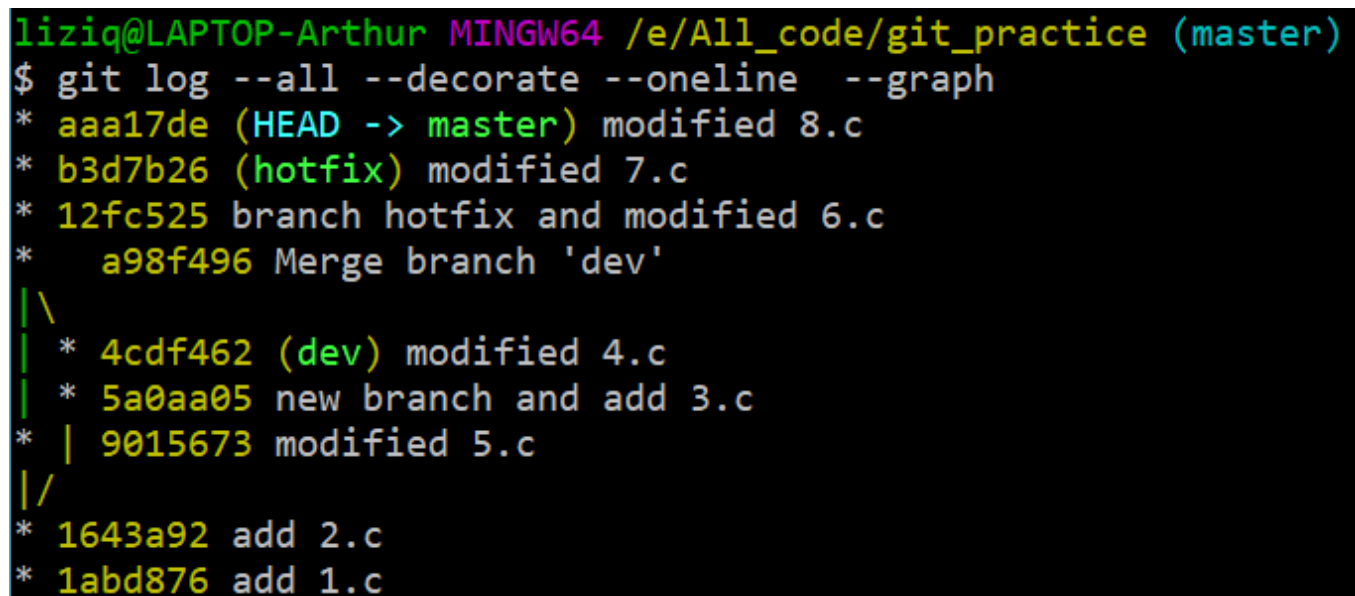
```
commit 1643a922261022310ae1f436eaea15089a984b72
Author: lizi_wl <leezisy@gmail.com>
Date:   Mon May 28 20:24:31 2018 +0800
```

```
    add 2.c
```

```
commit 1abd8769b2c06dbe03cbfc18c135ec3504e9547c
Author: lizi_wl <leezisy@gmail.com>
Date:   Mon May 28 20:24:31 2018 +0800
```

```
    add 1.c
```

## Screenshot



```
liziq@LAPTOP-Arthur MINGW64 /e/All_code/git_practice (master)
$ git log --all --decorate --oneline --graph
* aaa17de (HEAD -> master) modified 8.c
* b3d7b26 (hotfix) modified 7.c
* 12fc525 branch hotfix and modified 6.c
* a98f496 Merge branch 'dev'
| \
|  * 4cdf462 (dev) modified 4.c
|  * 5a0aa05 new branch and add 3.c
* | 9015673 modified 5.c
|/
* 1643a92 add 2.c
* 1abd876 add 1.c
```

## Question

- how do you solve conflicts on second merge?

Open the file and solve it manually.