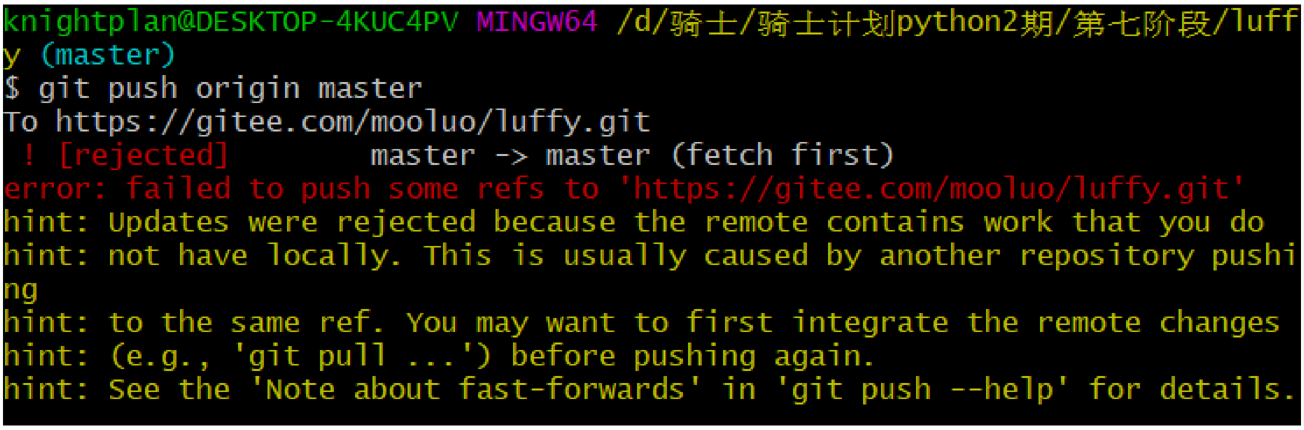
冲突解决

平常的工作中，合并代码产生冲突的事情常有发生。



```
knightplan@DESKTOP-4KUC4PV MINGW64 /d/骑士/骑士计划python2期/第七阶段/luff
y (master)
$ git push origin master
To https://gitee.com/mooluo/luffy.git
 ! [rejected]        master -> master (fetch first)
error: failed to push some refs to 'https://gitee.com/mooluo/luffy.git'
hint: Updates were rejected because the remote contains work that you do
hint: not have locally. This is usually caused by another repository pushi
ng
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.
```

①、创建新分支

准备新的feature1分支，继续我们的新分支开发：

```
# 创建一个新分支

git branch dev

# 切换到所创建的分支

git checkout dev

# 前面两步的简写
# git checkout -b feature1

# 查看当前分支

git branch

有小星星的为当前的所在的分支

# 删除分支

git branch -D dev1
```

②、修改demo.txt文件

vi demo.txt

新分支

③、在feature1提交

```
git add demo.txt

git commit -m "新内容"
```

④、切换到master分支

git checkout master

在master分支上把demo.txt文件的最后一行追加

vi demo.txt

aaaa

提交

git add readme.txt

git commit -m "主分支提交"

现在，master分支和feature1分支各自都分别有新的提交，变成了这样：

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⑤、快速合并

git merge feature1

Auto-merging readme.txt

CONFLICT (content): Merge conflict in readme.txt

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

冲突了

⑥、直接查看demo.txt的内容

Git is a distributed version control system.

Git is free software distributed under the GPL.

Git has a mutable index called stage.

Git tracks changes of files.

<<<<<<< HEAD

Creating a new branch is quick & simple.

=======

Creating a new branch is quick AND simple.

>>>>>>> feature1

Git用<<<<<<<，=======，>>>>>>>标记出不同分支的内容，我们修改如下后保存：

Creating a new branch is quick and simple.

再提交

git add readme.txt

$ git commit -m "conflict fixed"

[master 59bc1cb] conflict fixed

现在，master分支和feature1分支变成了下图所示：

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⑦、用带参数的git log也可以看到分支的合并情况

```
$ git log --graph --pretty=oneline --abbrev-commit

*   59bc1cb conflict fixed

|\

| * 75a857c AND simple

* | 400b400 & simple

|/

* fec145a branch test
```

到此代码冲突解决完成。