Fixing a Merge issue

When you pull a branch from GitHub you may encounter a merge issue if git thinks the same thing has changed in two different ways and wants you to sort out the definitive version. It will add **Conflict Dividers** before and after the different versions. You should edit the original file and remove the git conflict dividers and leave the file in it's correct state [compiling code / logical sense for concept doc].

Here is an example of a pull request that cause a merge issue.

Here is the message in notepad++ telling us that the file has changed we should click on yes
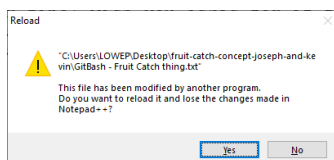
Here is the resulting file I changed the title to Pete's Fruity Catch locally, someone else added Pete's [on line 9] name and git doesn't know which is the correct title.

Here is the current git status

We are going to fix the conflicts and create another commit.

The conflict dividers are

<<<<<<< HEAD //Start of conflict and local version

======= // Divider between local version and other version
>>>>>>> 34ecaf0e1de973dc0806063609caf42732d65712 // end of conflict


```
<<<<<<< HEAD
Pete's Fruity Catch
=======
The Striggler's and Fruity Catch
>>>>>>> 34ecaf0e1de973dc0806063609caf42732d65712
```

I've Decided the correct title should be Pete and the Striggler's and Fruity Catch, and I've removed the conflict dividers.


```
1  Pete and the Striggler's and Fruity Catch
2
3
4
5  Joseph and Kevin
6  Pete
7
8  Introduction
```

I edited the file and saved its updated contents. Then run git add and git commit.

```
MINGW64:/c/Users/LOWEP/Desktop/fruit-catch-concept-joseph-and-kevin          —  □  ×

You have unmerged paths.
  (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)

Unmerged paths:
  (use "git add <file>..." to mark resolution)
        both modified:    GitBash - Fruit Catch thing.txt

no changes added to commit (use "git add" and/or "git commit -a")

ITCARLOW+LOWEP@K5Pete MINGW64 ~/Desktop/fruit-catch-concept-joseph-and-kevin (ma
ster|MERGING)
$ git add .

ITCARLOW+LOWEP@K5Pete MINGW64 ~/Desktop/fruit-catch-concept-joseph-and-kevin (ma
ster|MERGING)
$ git commit
[master 47ea370] Merge branch 'master' of https://github.com/PeterLowe/fruit-cat
ch-concept-joseph-and-kevin

ITCARLOW+LOWEP@K5Pete MINGW64 ~/Desktop/fruit-catch-concept-joseph-and-kevin (ma
ster)
$
```

Then we pull origin master once more just to make sure it hasn't changed again since we started the merge process, when we are up to date, we can then push our local copy of the master branch.

```
MINGW64:/c/Users/LOWEP/Desktop/fruit-catch-concept-joseph-and-kevin          —  □  ×

ITCARLOW+LOWEP@K5Pete MINGW64 ~/Desktop/fruit-catch-concept-joseph-and-kevin (ma
ster)
$ git pull origin master
From https://github.com/PeterLowe/fruit-catch-concept-joseph-and-kevin
 * branch           master      -> FETCH_HEAD
Already up to date.

ITCARLOW+LOWEP@K5Pete MINGW64 ~/Desktop/fruit-catch-concept-joseph-and-kevin (ma
ster)
$ git push origin master
Enumerating objects: 10, done.
Counting objects: 100% (10/10), done.
Delta compression using up to 4 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (6/6), 661 bytes | 661.00 KiB/s, done.
Total 6 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), completed with 1 local object.
To https://github.com/PeterLowe/fruit-catch-concept-joseph-and-kevin
   34ecaf0..47ea370  master -> master

ITCARLOW+LOWEP@K5Pete MINGW64 ~/Desktop/fruit-catch-concept-joseph-and-kevin (ma
ster)
$ |
```