

Q1 Reflection Paragraph/Git Tree

Question 1 Part C

```
* 933607b (HEAD -> master) Resolve merge conflict
|\
| * 8ca4580 (hotfix) Change to inode version ls
| * | 86a1ded Change to long list version of ls
|/
* a67f140 Add working code
```

Question 1 Part D

When trying to merge our new update to the master branch we received a merge conflict error. After looking at the git status of the merge we opened the conflicting file with an editor, and found the two conflicting updates. In order to mitigate the error we had to manually delete the line that we did not want to keep. Then committed the update as a resolved conflict.

To reduce the number of changes we needed to make we could have left the master branch as the working version of our code. Then if we need to update the working version we could create a new feature branch that would be worked on exclusively. While the feature branch is still being worked on no further changes would be made to the master branch. After the feature branch is complete, switch to the master branch and merge with the update then delete the feature branch. This strategy would mitigate merge conflict issues since the master branch will not be edited until after a merge.