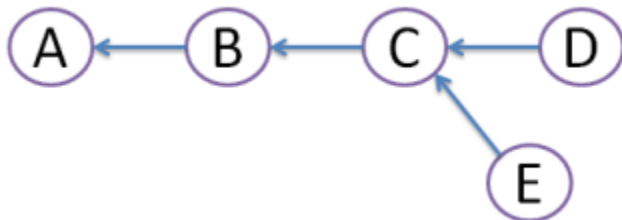


Merge vs Rebase

Suppose we have an existing branch with commits A,B and C .



Rahul pushed a commit D and Ranjan pushed a commit E.



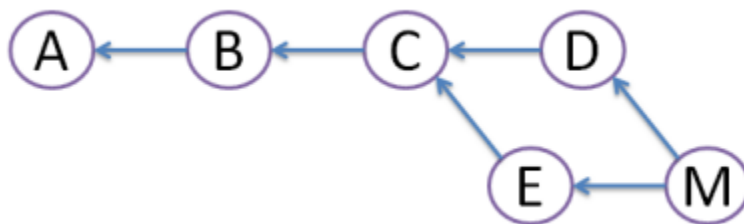
Now our branch looks like this.

The conflict arises now.

So there are 2 ways to solve conflicts:

1. Merge:

We create a new commit M where both D and E changes lie. So we are merging changes of D and E commits.



2. Rebase:

In this, we create a commit R which has the same content as M commit in merge. The only difference is we are getting a linear branch while doing rebase and E commit stays locally to ranjan like it never exists.

