Merge and Rebase :  
  
**git merge branch-name** when implemented from the master branch, will merge the branch and the master but it will also merge the previous commits done on the branch. This may not always be an issue, but not a best practise.

So, to avoid this we use   
**git merge –squash branch\_name**  
--squash will merge the summarized commit of the branch to the master

To see the commits of the branch in the master as well, we can use rebase   
**git rebase master**

*Git checks both branches and checks for the last commits  
git checks at the current branch and sees and saves the changes that are there on master branch and not on the current branch and saves it internally   
Then git goes back to master and then puts the latest change on top*.then we can **git add . and git commit –m “msg”**