1. Create a new branch named feature from the master branch.
2. In the feature branch, create a new file named feature\_file.cpp and write some code for adding two numbers in it.
3. Commit your changes with the message "Added addition" in the feature branch.
4. Switch to the master branch.
5. Create a new file named feature\_file.cpp and write code for subtracting the two numbers in it.
6. Commit your changes with the message "Added subtraction" in the master branch.
7. Merge the feature branch into the master branch. Resolve the merge conflicts by keeping the subtraction function in it, and removing the addition function.
8. Commit the merge with the message “Merged the branches”.
9. Modify the feature\_file.py to perform multiplication instead of subtraction.
10. Commit your changes with the message “Added multiplication”
11. Roll back to the commit “Added subtraction” in the master branch.
12. Modify the feature\_file to perform division instead of subtraction.
13. Commit your changes with the message “Added division”
14. Delete the feature branch.

Finally, you will have a master branch with a division operation feature file.

Grading -

The given evaluation scripts check only for the repository structure, commit messages, etc., and not if the recreated files are running properly. This will be done on the server and the results hidden from you. It is not necessary that if you get full here, you will also get full in the full activity.