

6.Collaboration and Remote Repositories:

- ❖ Write the command to merge "feature-branch" into "master" while providing a custom commit message for the merge.
- ❖ Move to the feature branch and make some changes in the that branch ,stage and commit the changes.
- ❖ For committing we can use additional/optional `-m` "message" , will commit the state with appropriate message.
- ❖ Then checkout to the master branch and merge the branch.

```
vtu@vtu-Vostro-3888:~/Akshata$ git branch feature-branch
vtu@vtu-Vostro-3888:~/Akshata$ git checkout feature-branch
M      pk.txt
Switched to branch 'feature-branch'
vtu@vtu-Vostro-3888:~/Akshata$ vim file.txt
vtu@vtu-Vostro-3888:~/Akshata$ git add .
vtu@vtu-Vostro-3888:~/Akshata$ git commit -m"1st line of FB(V1)"
[feature-branch 8a3df7e] 1st line of FB(V1)
 2 files changed, 2 insertions(+), 1 deletion(-)
 create mode 100644 file.txt
vtu@vtu-Vostro-3888:~/Akshata$ git checkout master
Switched to branch 'master'
vtu@vtu-Vostro-3888:~/Akshata$ git merge feature-branch
Updating 4b73e4e..8a3df7e
Fast-forward
 file.txt | 1 +
 pk.txt   | 2 +-
 2 files changed, 2 insertions(+), 1 deletion(-)
 create mode 100644 file.txt
vtu@vtu-Vostro-3888:~/Akshata$ git log
commit 8a3df7e45fc76ea35064120ad4a5885a137ebd48 (HEAD -> master, feature-branch)
Author: Akshata <nnn@gmail.com>
Date:   Sat Nov 30 14:15:28 2024 +0530

    1st line of FB(V1)

commit 4b73e4e26ded3fa86b630dfb53cfedf5a45cbd36
Author: Akshata <nnn@gmail.com>
Date:   Sat Nov 30 14:08:10 2024 +0530

    added a file
```