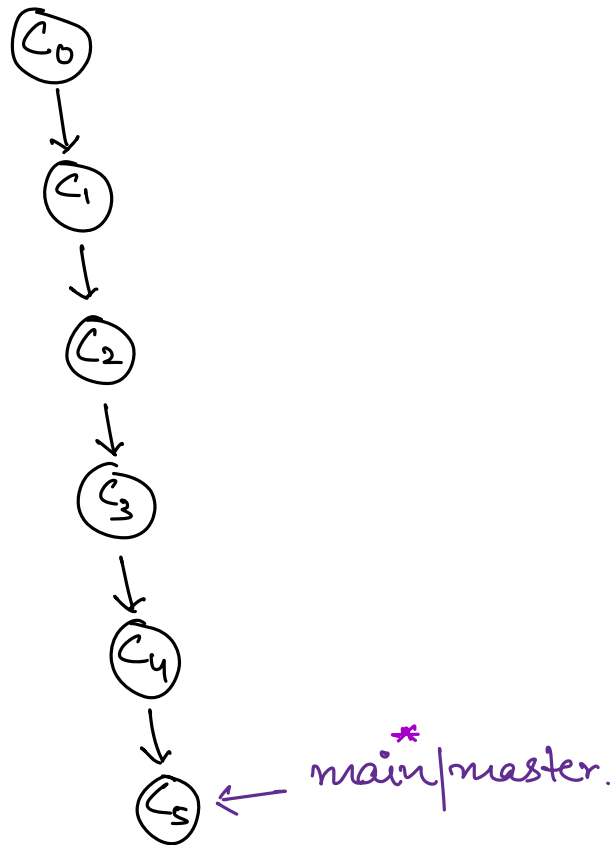


Agenda.

- Git Branching
- Git Merge
- Git Rebase.
- Merge vs Rebase
- Remotes

#

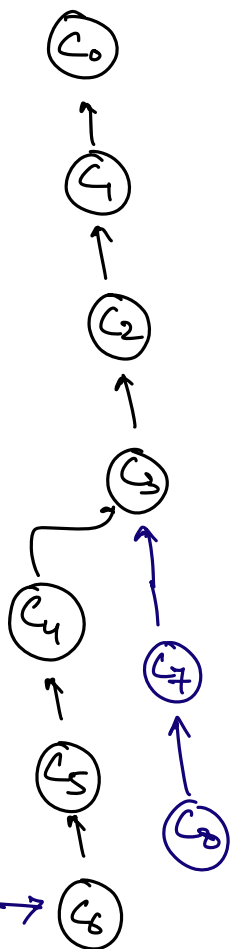


git log.

→ history of commits
in the current branch.

C5
C4
C3
C2
C1
C0

#



git log:

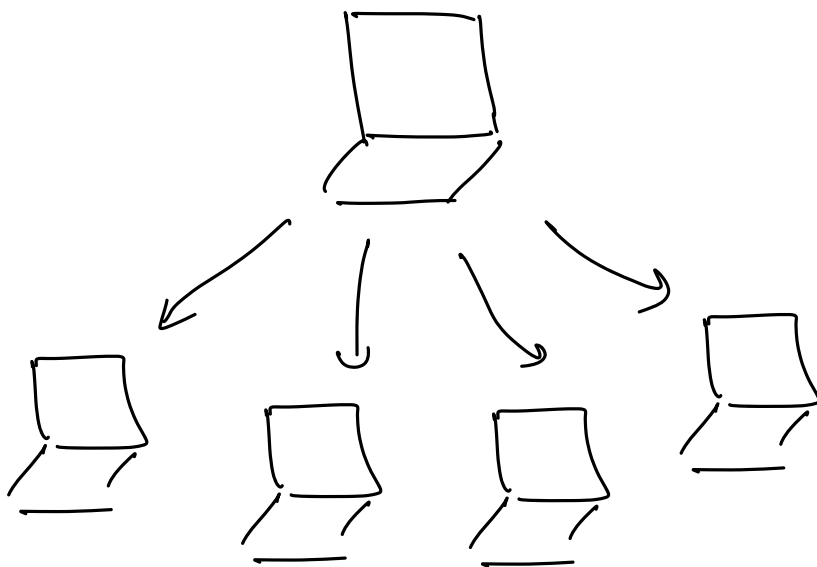
C8
C7
C3
C2
C1
C0

git log

→ #1

→ C6

C6
C5
C4
C3
C2
C1
C0

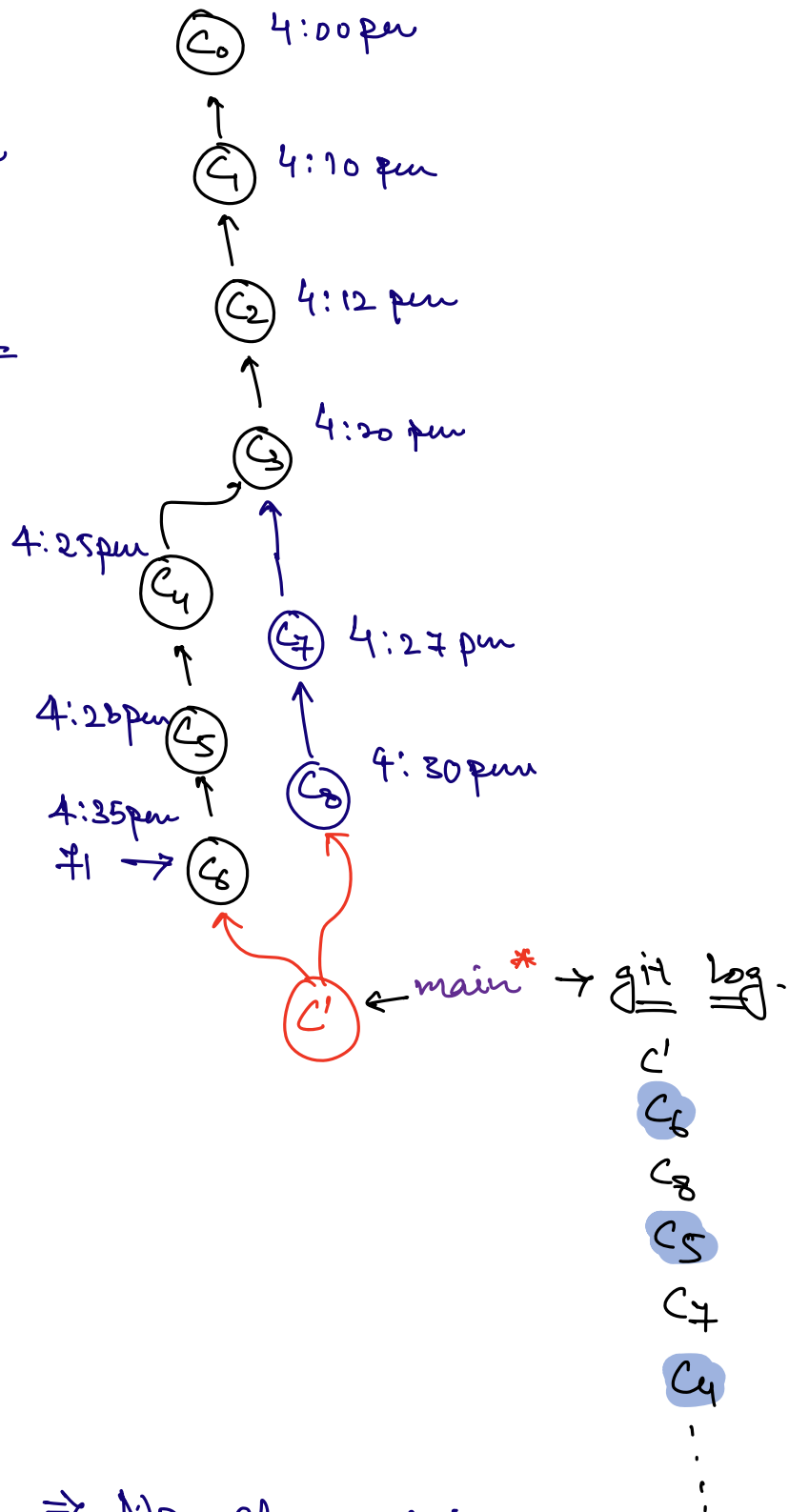


⇒ Merge #1 branch into main.

⇒ Bring the changes of #1 into main branch.

Merge

- ① Move to main branch.
- ② `git merge` ≠

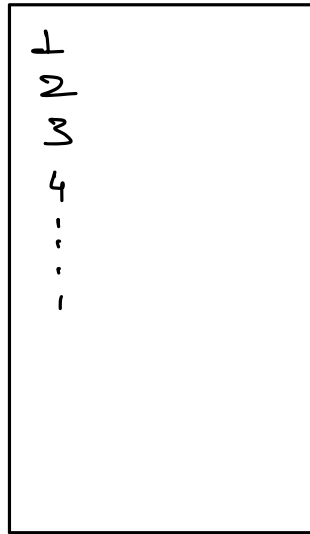


⇒ No clear history.

⇒

A.txt

← main

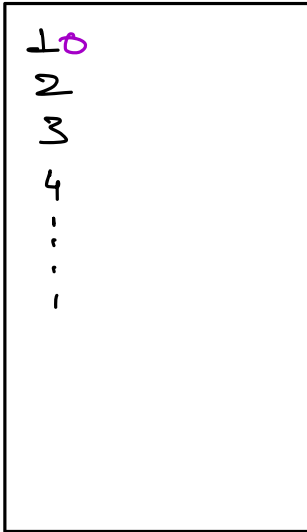


Merge.

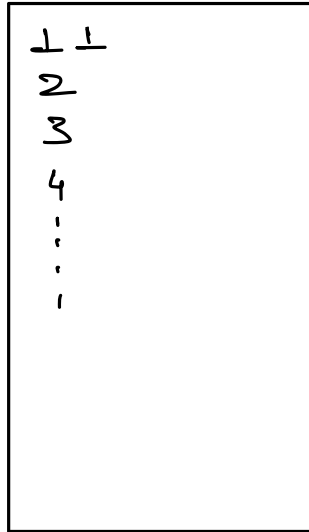
Conflict.

≠

A.txt



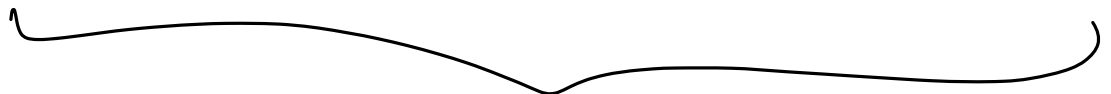
← main



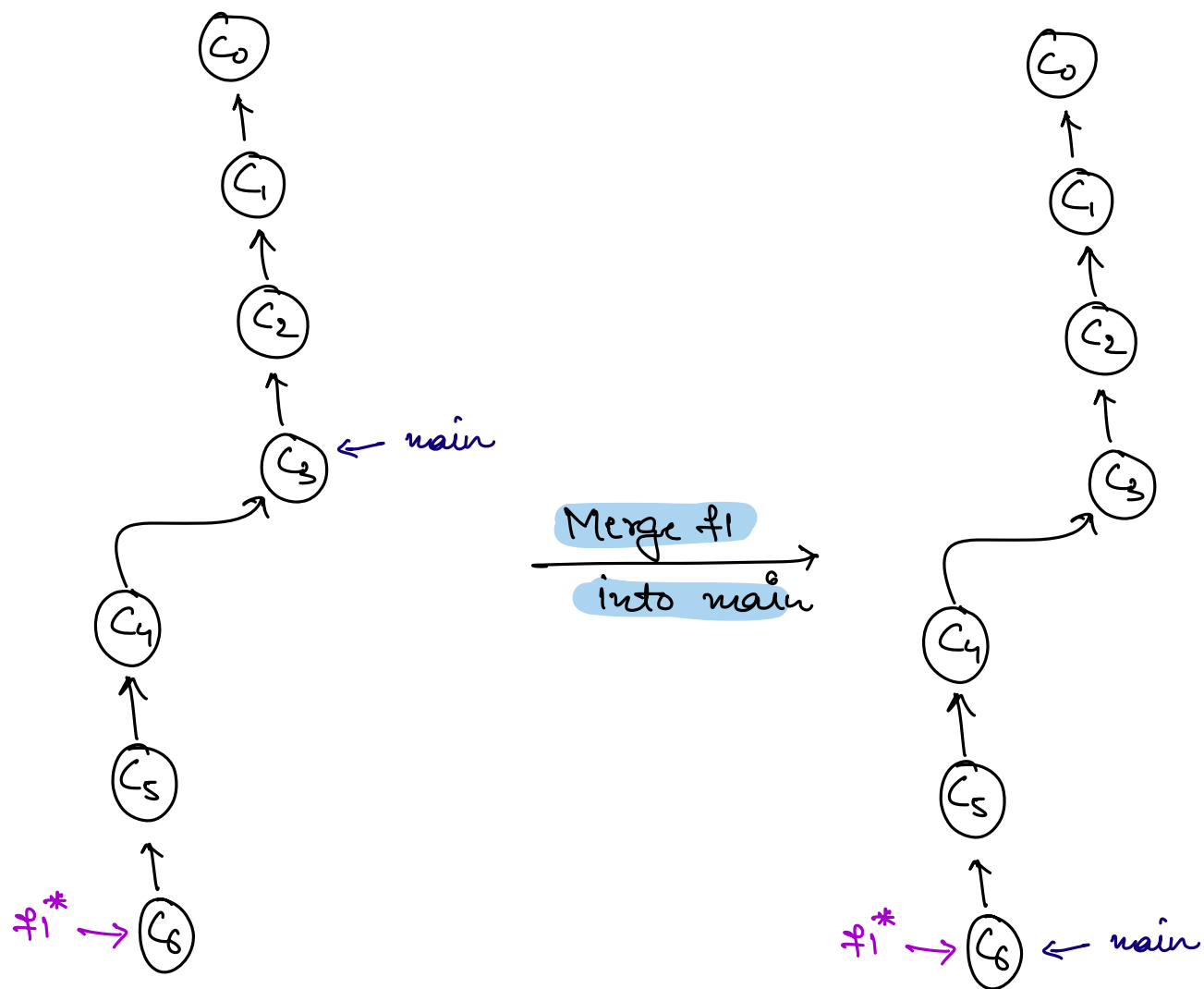
A.txt

Merge.

10 | 11 | 10
11 | 11
10 | 10 11 - - - -



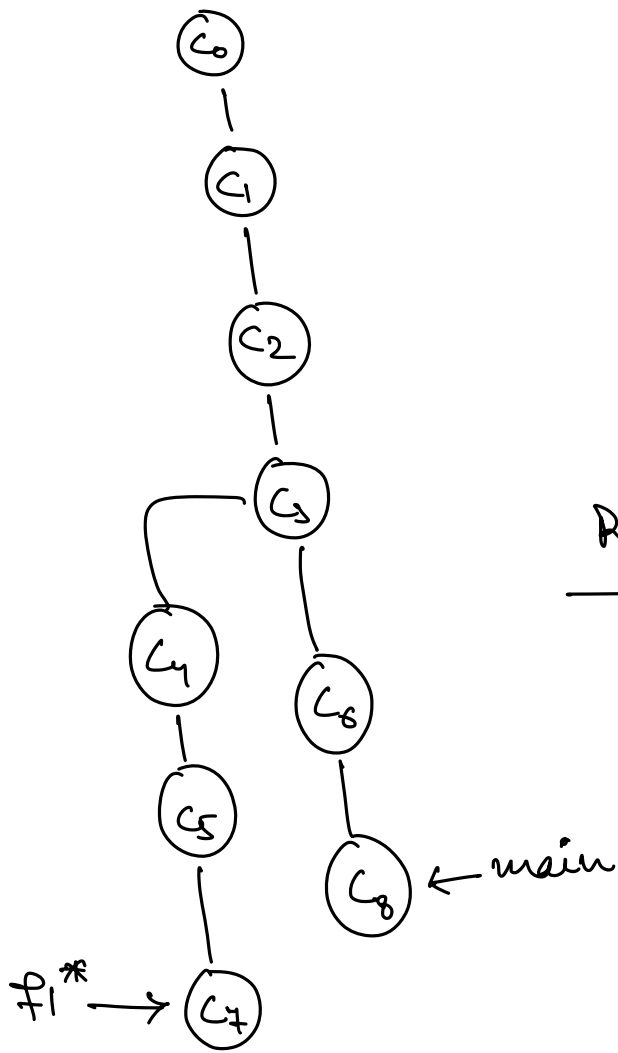
#



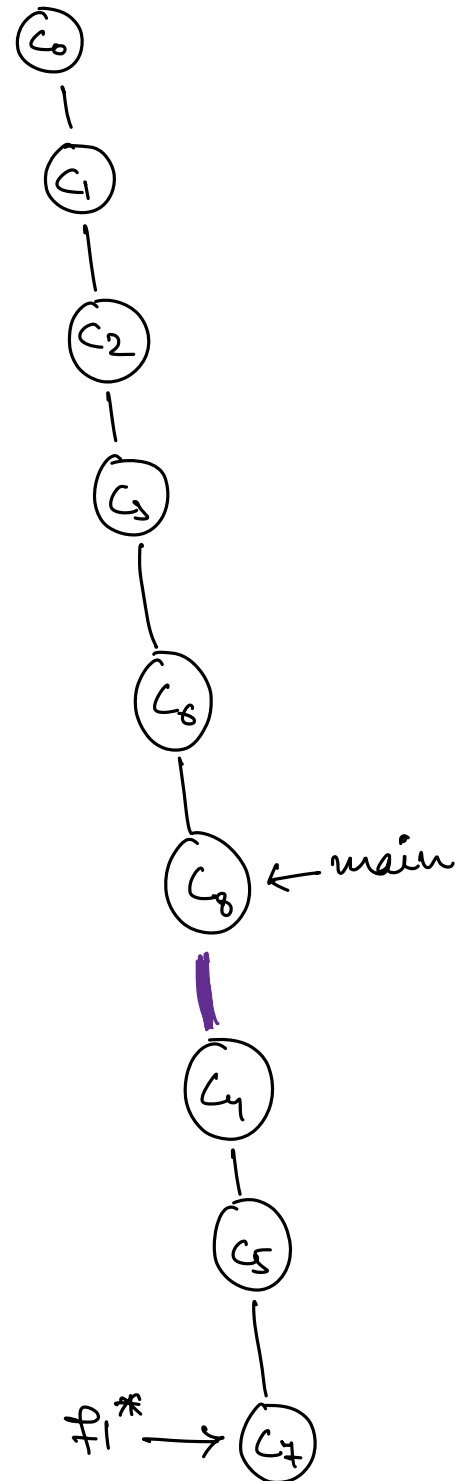
⇒ fast forward Merge

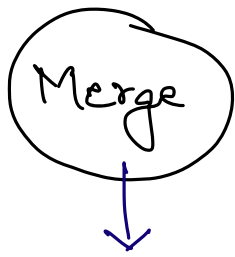
⇒ Clean GIT History

Rebase.



Rebase f1
onto
main





No clean
git history
= 0

OR

Rebase + Merge

↓
(fast
forward
merge)



clean
git history
= 0