

Git Advance Additional Class

- starts at 11:06 am

AGENDA

1. Forking
2. Git reset
3. Git revert
4. Git cherry Picking
5. Git stash
6. Git squash
7. YAML (document)

→ git push --force

Local Repo

file 1

x y z

Remote Repo

file 1

p q r

→ git push --force

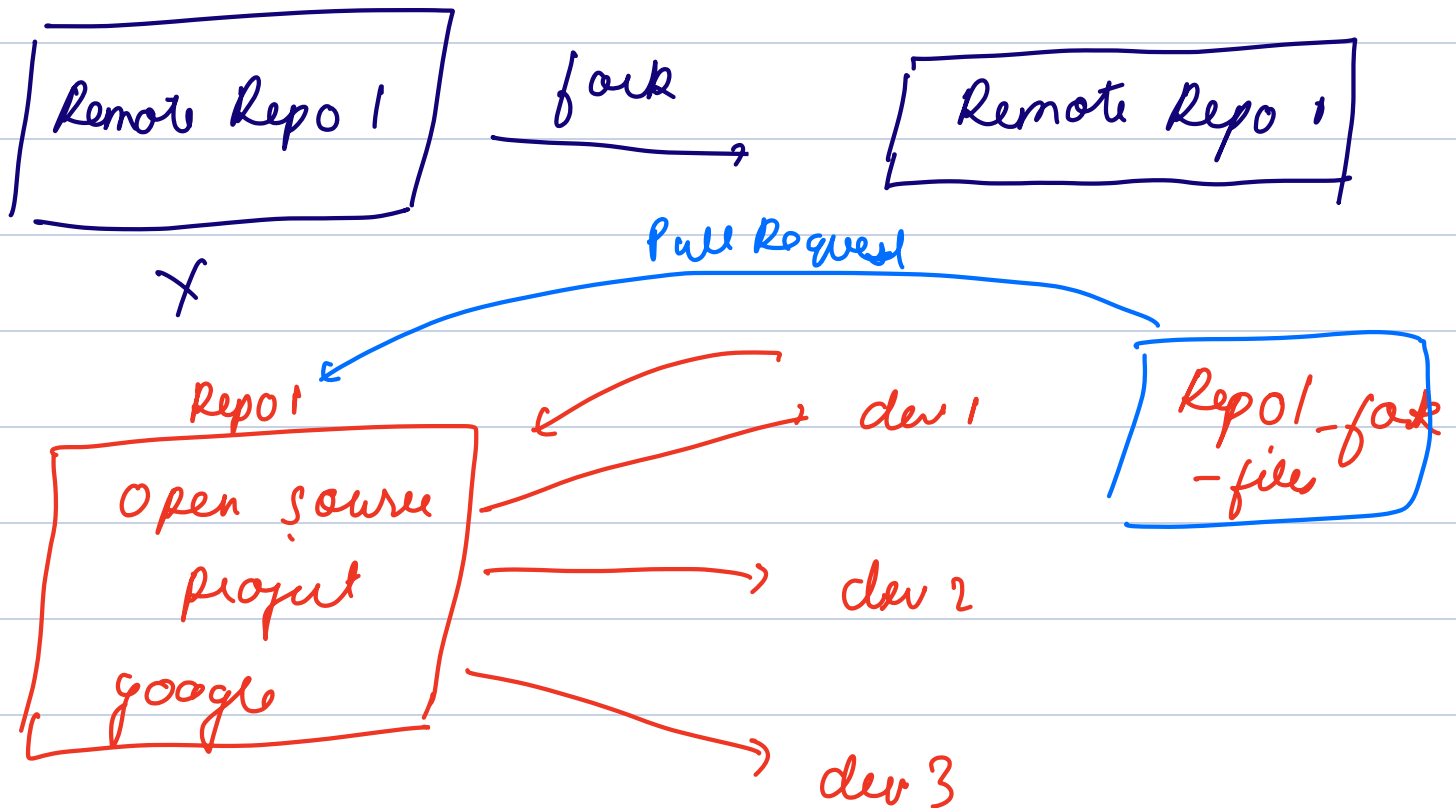
Remote Repo

file 1

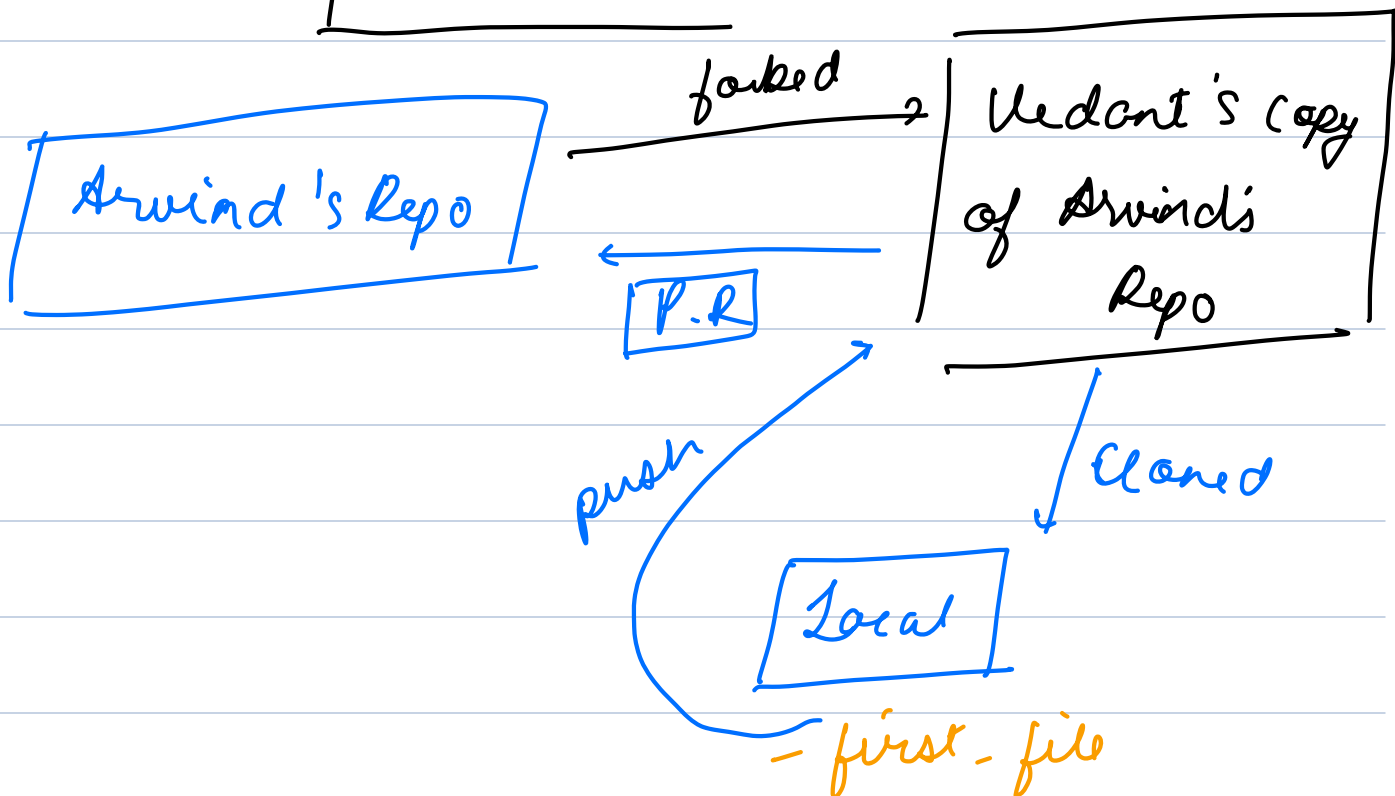
x y z

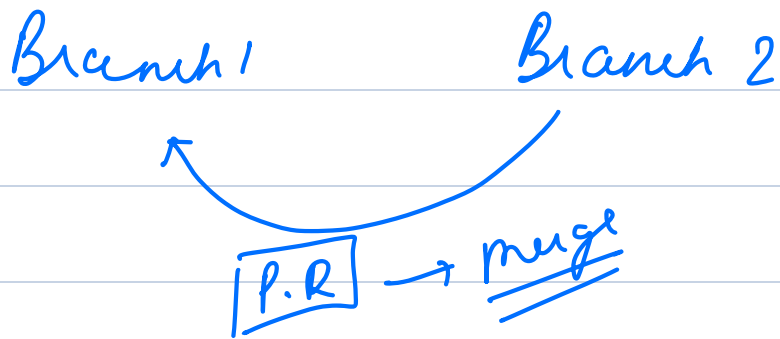
→ Forking

Account



GITHUB





→ GIT Reset

git reset --soft

git reset --hard

git reset --mixed

commit 101 → file 3 (removed file 1)

commit 102 → added file 4

--mixed → file remains

(default)

changes are unstaged.

commit 103 → added file 4 again

--soft → changes will be staging
area green

→ head → particular commit
→ file remains

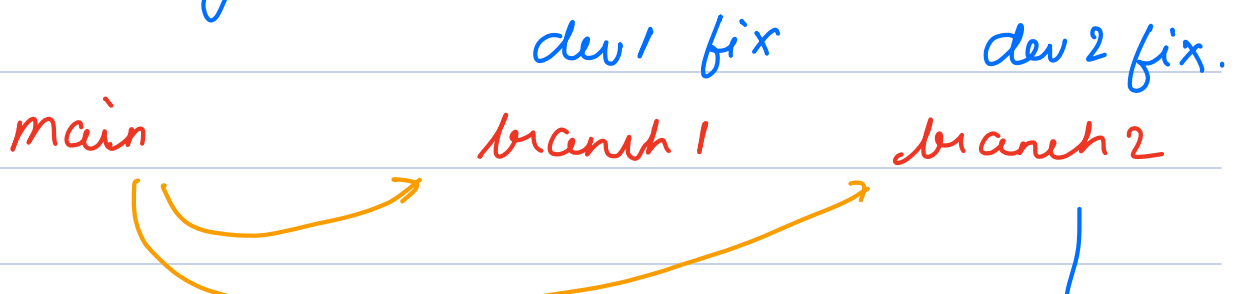
--hard → deletes the file
→ nothing in staging area.

commit 2	file 4
commit 1	file 3

revert commit 2

commit	- file 4
commit 2	file 4
commit 1	file 3

→ Cherry Picking



↓
commit 1 (fix) → fix (commit)
commit 2

main branch 10
 commit 1 (file 10)
 commit 2 (file 15)

Break → 12:25 pm

→ GIT Stash

main
 file 25
→ staging area.

branch 3

stash
↙ ↘

temporary
→ Stash

git stash

git stash list

git stash apply → (keep changes in stash)

git stash pop → apply and remove changes from stash

git stash clear → removes all stash entries

git stash drop stash@{0}

→ GIT SQUASH

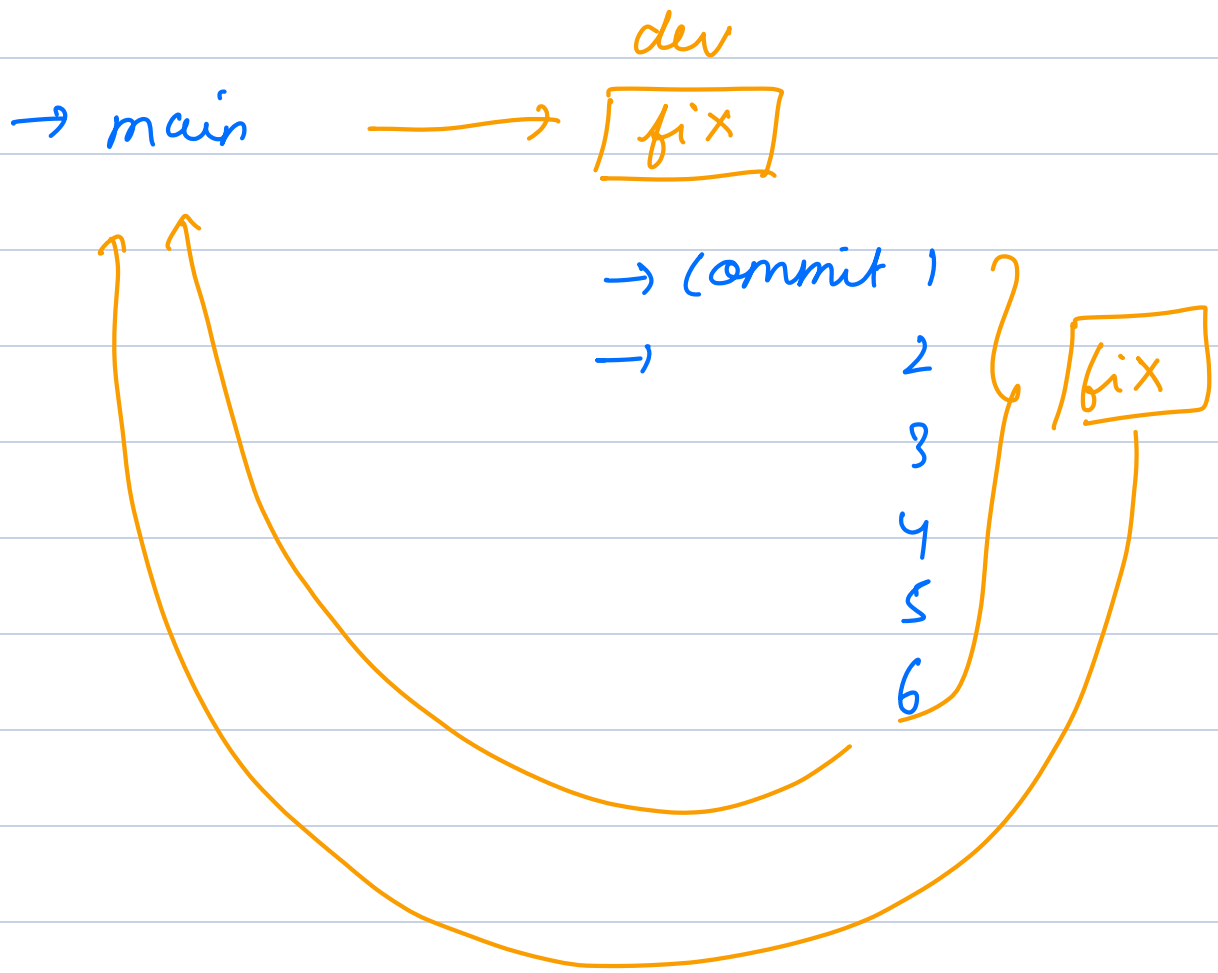
multiple commits → into single commit

→ ①

→ ②

→ ③

→ ①



① Using Interactive Rebase.

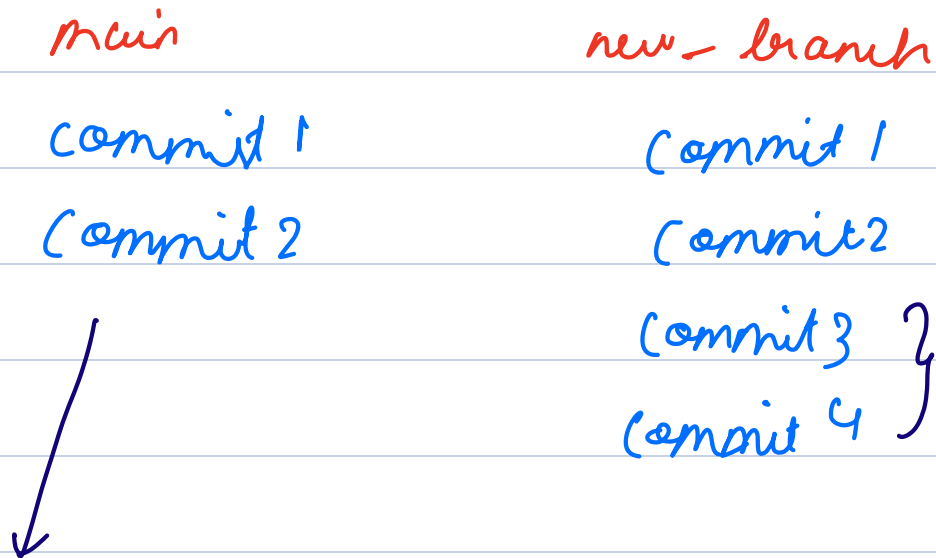
main

→ 1
→ 2
→ 3

} ...

git rebase -i HEAD~3

② Squashing during merge.



git merge --squash new-branch

git commit -m "Squashed commit 3 & 4"

main
commit 1
commit 2
squashed commit 3 & 4

fruits :

- Apple
- Bannano
- Mango

custom :

Setting 1 : value1

Setting 2 : custom_value 2

folded_block : >

" This is a multiline string
with folded.... "