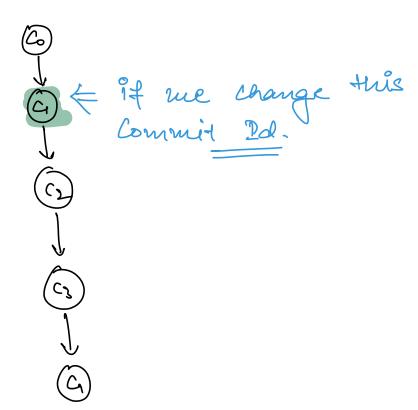
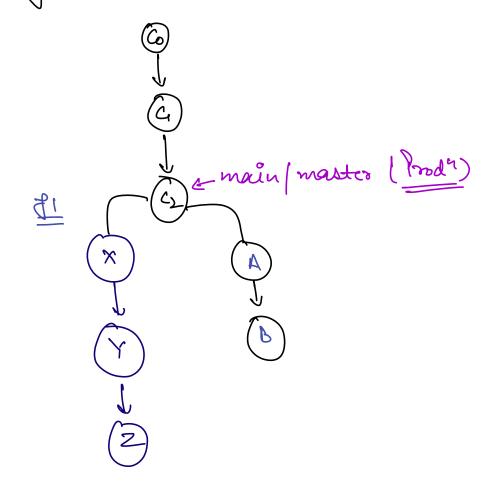
Agenda:		
-> Basics of G17 ~		
→ Basics of G17 ~  → Branching  → Merge  → Rebase		
-> Mege		
7 Rebase		
> Merge vs Rebose		
> Merge (s) Rebuse > HEAD pointer.		
=> GIT Commit		
Pistri buted		
UCS.		
$\bigcirc \longrightarrow \bigcirc \bigcirc \longrightarrow \bigcirc \bigcirc \bigcirc \longrightarrow \bigcirc \bigcirc$		
the Every commit stores the Changes delta commit.	wst	previous
# Every commit is Immutable.		
1d		
Lincestamp		

Commit Id = hash (authordetails, finnesteup, ...

List (Previous commit 2ds 7)



# Branching

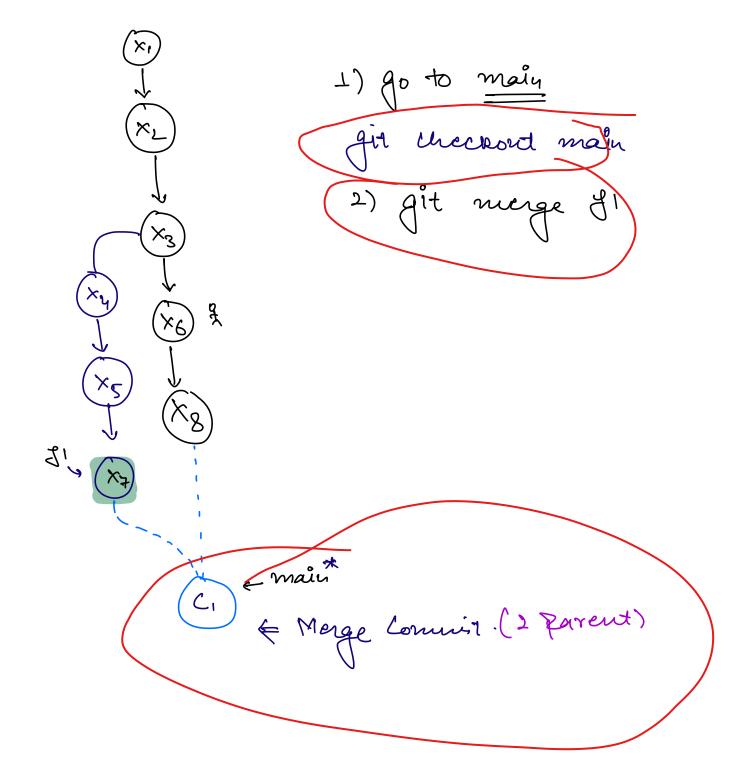


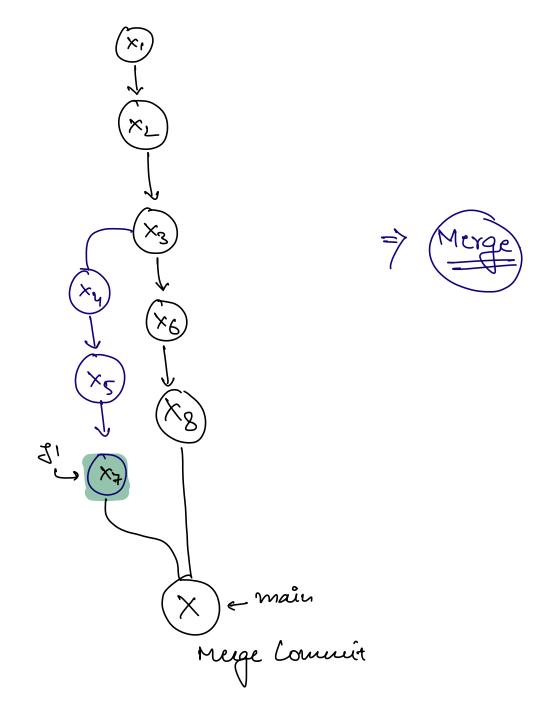
of To mork on a new feature, me meste a Separate branch to more garallely. Merge. Branch. name: Pointer painting to the latest commit of

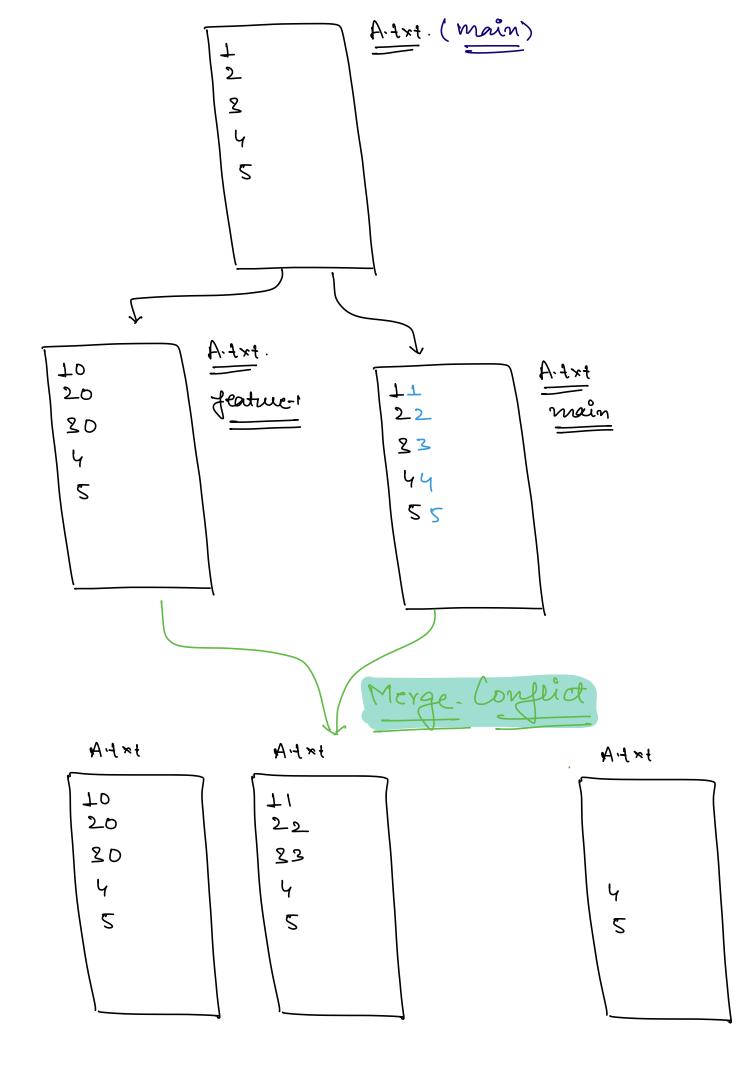
Duce the feature has been implemented & tested completely, me'll add our branch changes to the Main branch => Merge

GIT Merge. Command used to bring cranges from one bringing our Changes (x4, x5, x7) to the main branch

=> Merge fl branch into Main.

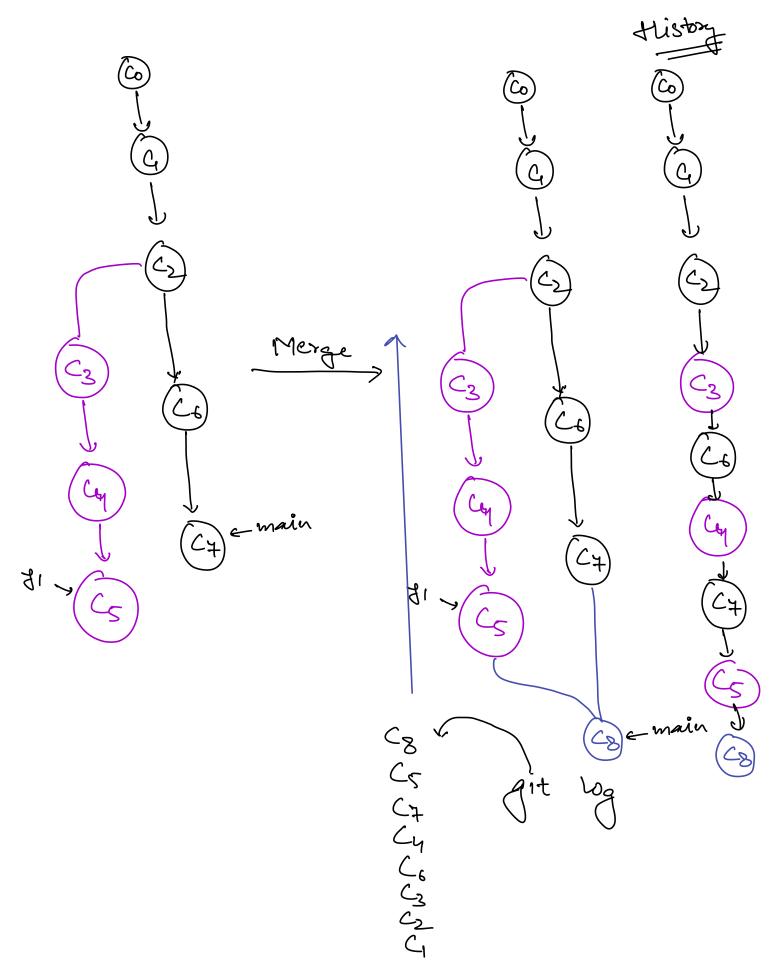




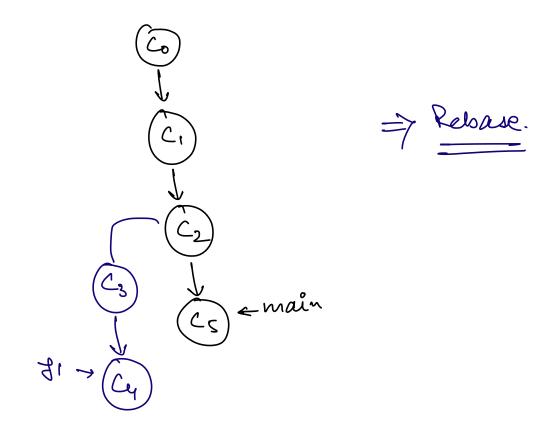


1 × 1 · A 70 20 -> We'll have to resolve conflicts manually. C0

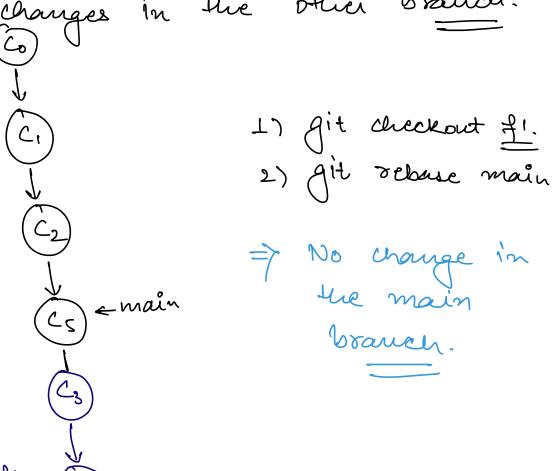
git Checkout -b (72) => (reate branch \$2) le Checkout to J2

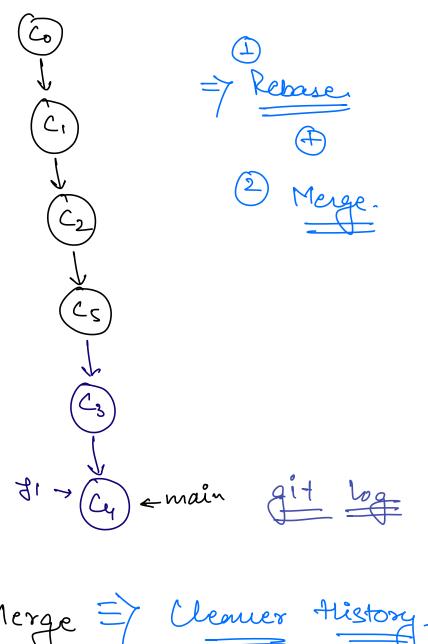


$\Rightarrow$	In the roverlapped	uerge comm from dij	nit, His ferent	story is branche	get y,	Hing
0	Because of difficult.					
		Co				
		$C_1$	2010			
		(2)	VV(DCC)	Merge	<i>21</i>	into
		Cey)		mair	1.	
=			,	re wed	ted -	
=	7 fast for	g, Cz	,	se mes	ted.	



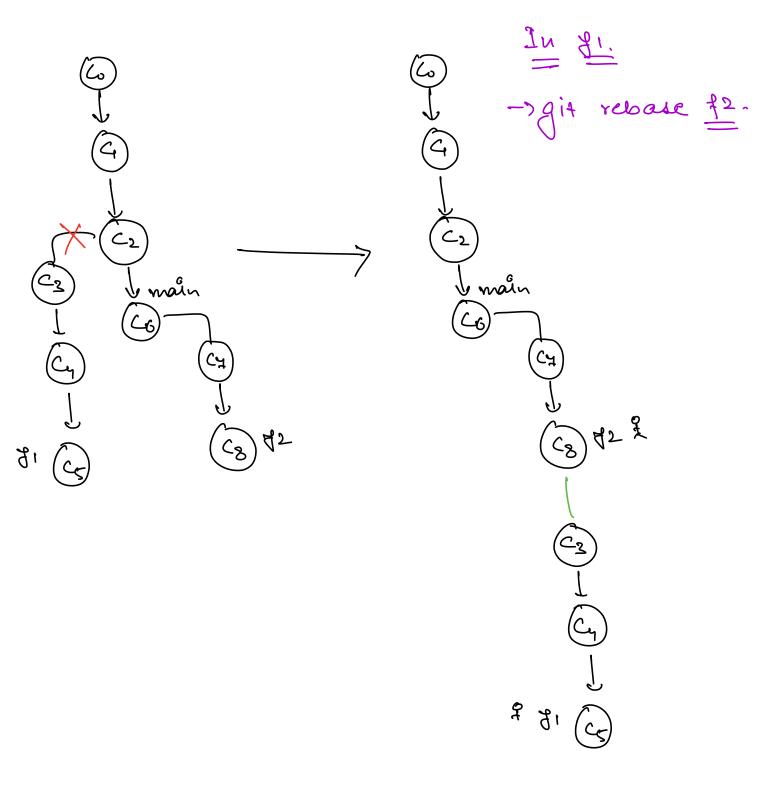
GIT Rebosse: Allows us to remap all the changes that we have done in a new branch below the latest changes in the other branch.





Rebase + Merge => Cleaner History.

Merge (VI) Reberse + Merge



HEAD.

Special pointer in GIT teat always points
to the latest commit

Commit on which the

new commit min be

added.

retained HEAD.

When HEAD pointer spoints to commit instead of pointing to a branch