-/ JOINS =7 Solve 2-3 Overfras = Explain # Main Aim of RDBMS = reduce redundency # How did we reduce redundancy 90 - Breaking toble ABC DEF GHI What become Complex 9. Duedying.

2 N IOC ~ Castesian ZOIN ROSS Poodoct Λ_2 A3 P2 Øz T1 B A D P2 n 13, P $Q_{\mathfrak{l}}$ 02 03 \triangle A3 OL U x W

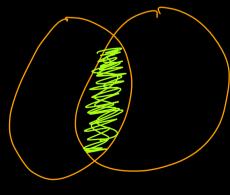
CEO = Kailveh ? Emp = Yash

owner-d	name	
3	A	
4	B	
V—————————————————————————————————————	able.	1

C-id	(ompony	owner-id	
1	fesla	3	
121	ovdi	4	
	Toble	2	

Condition on: owner-id

Ta.ovanid T1. name	T2. C-1d	T2. Compens	
72.00.10 /A	1	tesla	
H B	2	andi /	



F Join

I Left Join

	C-1d	name	
1	1	Yosh	
+	2_ [Rahul	

[C-id	lostnum /
2_	Copta
] 3	Sharma

(ondition = C_id

1 c-id	name	lostname
1	Yush	null
, 2	Rahul	Gup-la

#

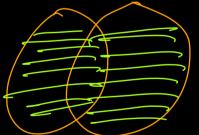
l					τ	
	user-id		namo	°	age	
_	A		yuh		20	
	B		Rahul		21	
	\mathcal{C}	Ro	her		22	
+	\Box	R	n Vi	, 2	25	
	2	Ro	ns6	2	-9	

			一门
	Car.id	User-id	\perp
	20	A	\int
Ť	22	C	
+	24	D .	
+	25	E	
V			

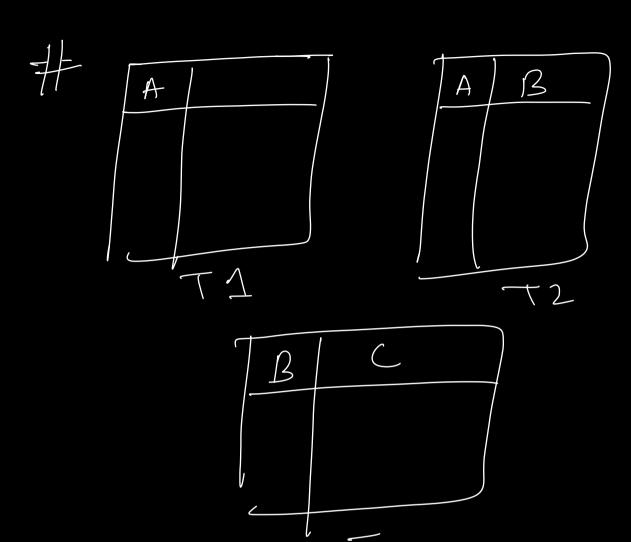
Lest join would wook

Aight Join

Ovler Join



OUTER JUIN. CROSS JOJN VS Car-id WST8-10 User-id name Rows in 1010 a oxlex Join (arid USer.id name Yash null 12ahul null

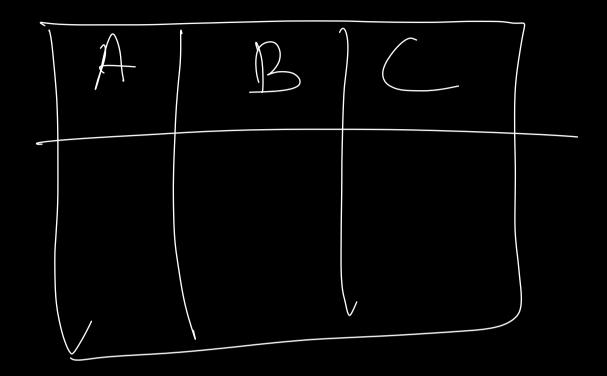


T1 innerjoin T2

On T1.A = T2.A

inner join T3

on T2.B = T3.R



Explain Keywood = helps in Optimising

Optimising

Performance

Ho Index

Time Complexity = mxn

With Index

Time Conplexity = mlogn