GROUP BY

Students

			•	
RNO	Name	Gender	Marks	Attendance
1	a	m	210	68
2	b	m	235	3 o
3	C	f	245	90
4	d	γ.	205	55
7	C	+	200	75
<u> </u>	f	f	250	85
9	%	j	215	92
5	L	m	230	72]

1) Find the average marks of the girl, student in the dans.

SELECT gender, AVG (marks)

FROM Students

GROUP BY gender.

AVC (

multi-input i/p,	Single outfut	(bender AVG (nonly)
i/P2 - 3 f()	$) \longrightarrow 0/P$	f
Up ₃	MAX (3,5,	12,60)
iba.	= 12	

AVA(
SUM (
COUNT ()
MAX)
MIN()	

Employer

·							
ID 1	nave	Rne	Salony				
	_	ling.	<u> </u>				
	_	hore,	_				
_	_	· ·	_				
_	_	Salls.	-				
_	_	Tan	-				
		Eny	—				
_	_	Tax.					

Find the Ara saleny & court of employees in each role.



SELECT - · · ·

FROM

WHERE

GROUP BY

(HAVING)

ORDER BY

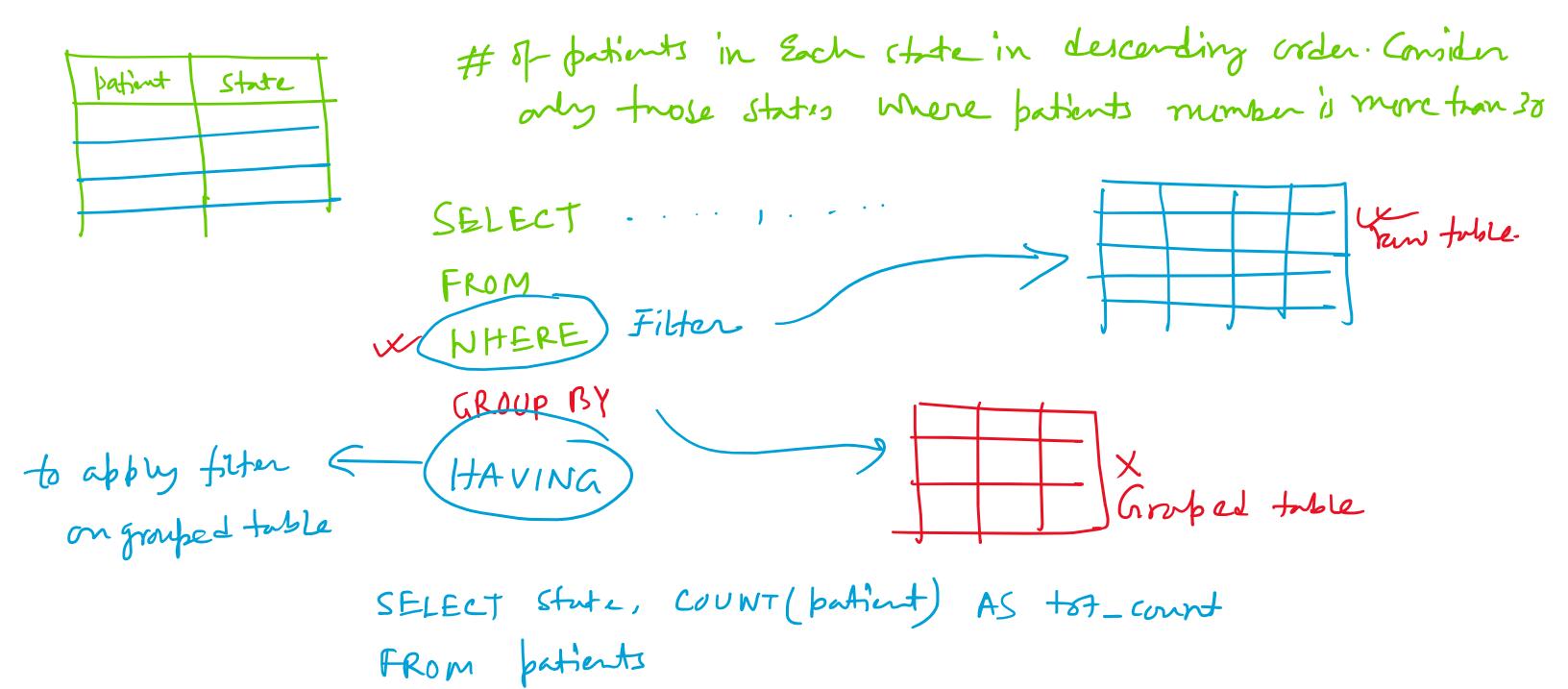
LIMIT

OFFSET

SELECT hole, COUNT (*), AVG (Salary)

From Employee

GROUP BY vole.



GROUPBY State
HAVING tot_count > 30
ORDER BY tot_count.

o/o wildcard in string matching,

name = "/0 (ra/0")

players.

	•	_
pane	tot - score	LEFT (hav
Sadin	35000	
Rahul	22000	5(
Small	2000	
Vivat	23000	
MSDM		5%
J	J	name = 5/0

LEFT(hame, 1) =
$$\frac{1}{5}$$

SELECT CONCAT ("My", "Name", "'is", "Somar")

NULL values:- Null-) absence of-value.

CASE-WHEN Statement

citizens

LITT	name	Gude	Age	Adult
ULD	1 remire		1100	yes
				no
				1 1

CASE WHEN age >= 18 THEN "Jes" ELSE "no"

END AS Adult - name of the derived column.

age-group age < 18 "Not Adult" "Harking"

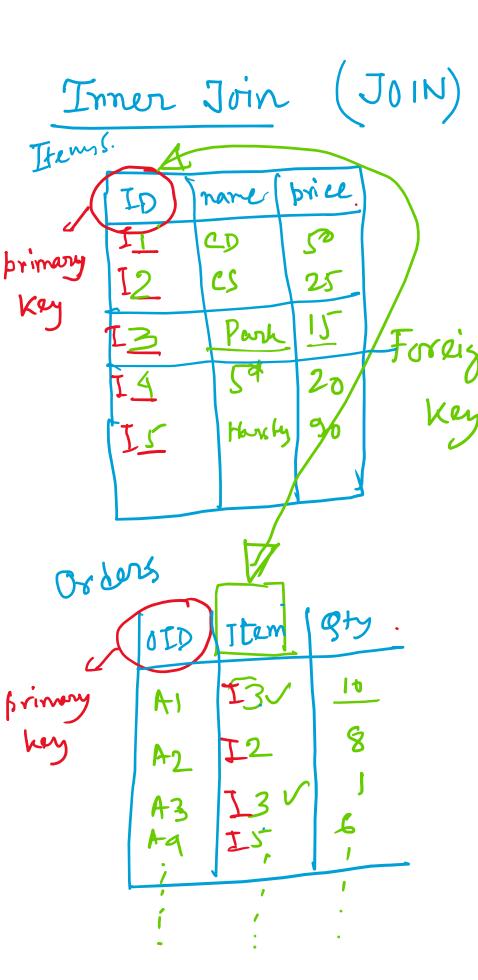
"Somion Citizer" age > 60

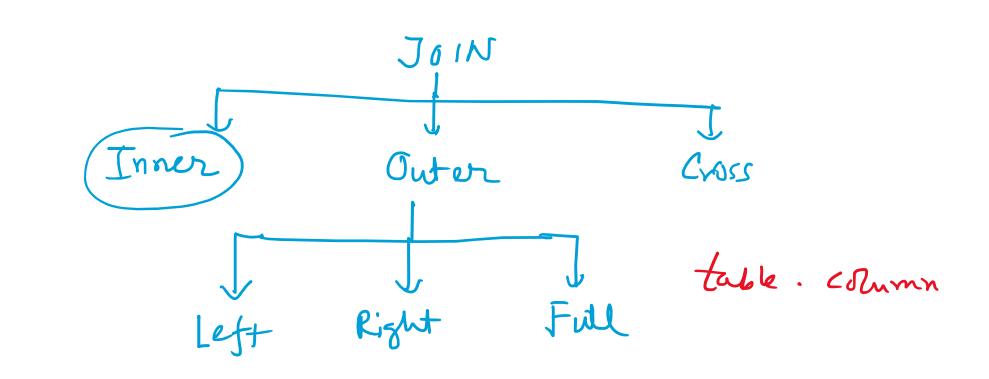
SELECT UID, name, gendu, age, CASE WHEN age < 18 THEN "NOT Ablet" WHEN age BETWEEN 18 AND 60 THEN "Working" ELSE "Senior Citizen" END AS age-grown FROM citizens.

age > 18

age < 18

60 > age > 18





OID Item Name

Total price

SELECT GID, Item, Name, Gtsk Price As Total price
FROM Orders

JOIN Items

ON Orders. ED = Items

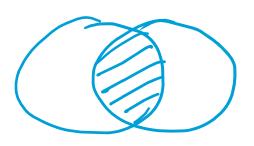
item

id

Inner Join (JOIN)

Customers

Name	Address	Birth_late
	Name	Name Address



Orders

OrderID	C.I.D	Price	Discount	
	3			
	15			
	23			Unique ID
	'//			_ < 1000

unique IDJ

SELECT Orders. CID, Customer. name, COUNT(*)

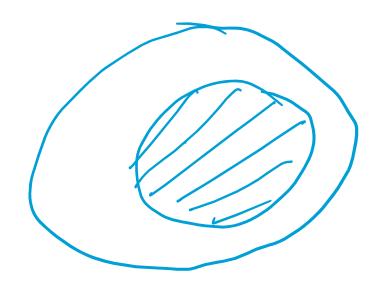
FROM Orders

JOIN Customers

ON Order. CID = Constorners. ID

GROUP BY Orders. CLD

ORDER BY Order. CID DESC



LEFT JOHN

table 2 (Right) Resultant table will containt the

information from table 1 (left table)

A the common information between

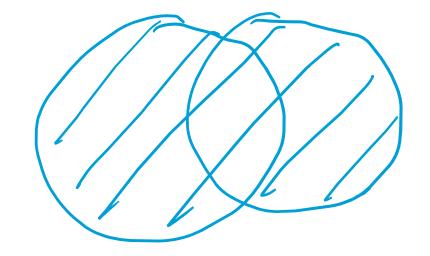
table 1 & 2 but will discard those

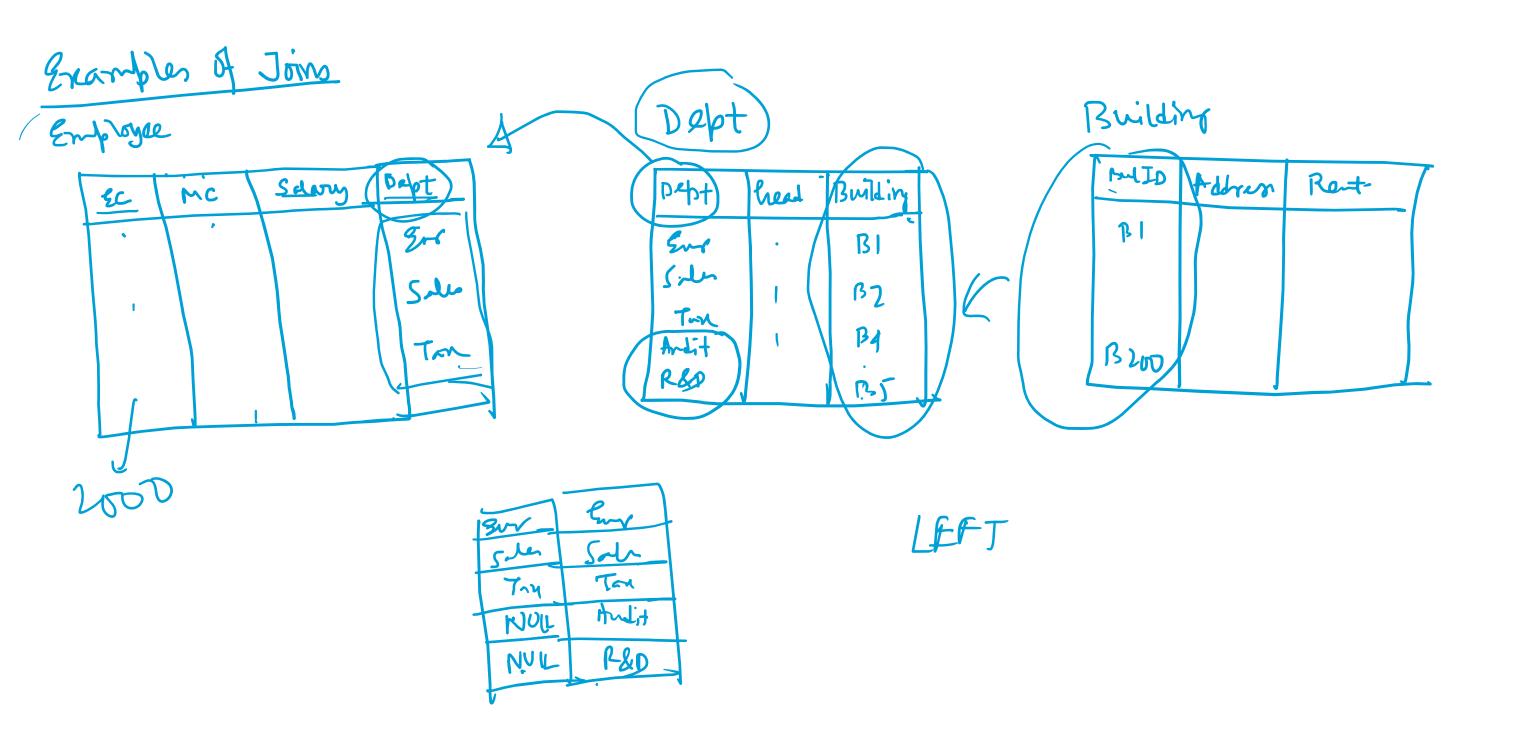
Which are present solely in table 2 (right)

RIGHT JOIN

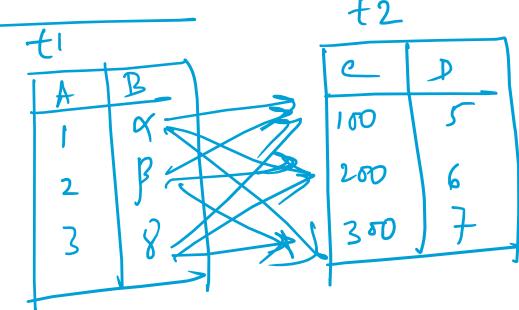
Latt Right

FULL JOIN









Don't mention "ON"

from it will do

then it will do

"CROSS JUIN"