is used to combine nows from two on more

It I proper was builting they were

3	based on a	1-1-1	a aluma N a	hotween	them.
-1-1-1-5	based on a	nel after	Colomitie	0617900	4.

table 5	of - ig	T main that	Tat.but		
	20	Bartonom	26	minox 11.	
<b></b>		several types	of JOIN:	mond a middell	
7 100	ife conje	20169	09	naroll but	

· LEFT JOIN OR LIBET OUTER JOIN

ON RIGHT OUTER JOIN RIGHT JOEN

FULL JOIN OR FULL OUTER JOEN

,	The fact of the fact	. not took
	Engloyes First name, Deport method Co Store Sonofed Manketid	- SELF CT
	Employees, Departments VIOT Flashers from Soles	
	Employees , Deport	MOST

In ployees. Dept-ID = Deportments. Dept-ID;

SILIET Employees . find . name, Departments . Poplance ( row Impose of adapter

( Join Deportements on Employees, Dept-ID = Deportments, Dept-ID.

( Josef Departments Vernoz (Dept. ID):

LINER COLUMN HOME IS HOME

. Marty wood of

a cod- month man anidnes of book is -100 pm .

fired_name	lot-name	Dept. ID
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Hasiba	Rahmam	. 400E'
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- Employees. mulos bakelon Departments

delolos

DeAL Name	Dest-10	d 1/90
Maketing	20	
JIT,	fo	
30163 V	400 1	new T

print all the employees Analong with their departments first name 7111

on FOLL OUTER JOHN \* FAFF JOIN

without join:

SELECT Employees. firest-name, Departments. Dept-About Employees, Departments 70101

first-nam	Dept. Now	
	Manketing	
Hasibun	Sales	
farid	IT	1

WHERE Employees. Dept-ID = Departments. Dept-ID;

with join:

SELECT Employees. fint\_name, Departments. Dept-Name

Employees. Deprotoco

- 1) JOIN Departsments ON Employees, Dept-ED = Departments. Dept-ID;
- (1) JOIN Departments USING (Dept. ID);

When column name is same in both table.

RIGHT THEIR

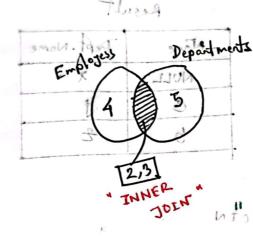
INNER JOIN / JOIN;

neconds that have matching vowes in both tables.

in soll Emp	loyees + 1 1
Name	Dept. ID
a, i say	374 1 374
Ь	2
c	3

from the night toble.

Ded. ID	Dept. Name
Hour shi	X
3	y
2	2



Deft. Nan Name b 군 C \*

FROM Employees

INNER JOIN Departments 100 ON Employees Dept-ID 2 Departments . Dept-ID

Returns all neconds from the Left table and want the matched megands From the right table. The result is NULL from the Hight side,

if there is no match.

LEFT JOEN: noldo

ING	112 110	11.00
	Dept. Mane	31204
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		Name	Deat. Name
		, a	NULL
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SELECT MOAT

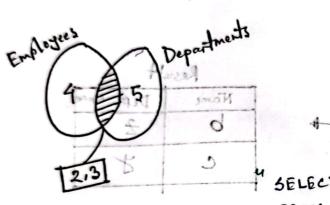
FROM

LEFT JOIN

ON

RIGHT JOIN:

Returns all records from the reight table, and the records from the left table. The nesult is NULL from the left side when trone in no match.



Result			
Name	Dept. Name		
NULL	( 777)		
E	<b>b</b> 4		
6	1/2		
10	12.		

combinations, of rows from both table " and abroom the

combinations of rows from both and with slast their out no · Note Result a ai anow)

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TIM	0		
- 5	d		
6	5 u	607	Name

2/ 5 NULL

Name

a

Derot. Name

NULL

FROM TOTALE

CROSS JOIN ONOLALIT

u

## · SELF JOIN:

A self join is a regular join but the table is joined with foulf.

SELECT e. Name, m. Name

From Employees A5 e

JOIN Employees As m
ON e. EmpID 2 m. NIgnID;

	mployees	
Wame	EmpID	Mgn CD
۵	100	NUL
Ь	101	100
c	102_	NUL
d	1083	102