Class will start at 9:05 PM

- → Joins → Self Join → Pseudo Code

) batch	w. O
id	name
1	Dec_22
2	Nov_22
4	

	3000	eento 1
fd	name	1 b_id
1.	/ A /	1.
2	В	2
3	ے ا	2
4	\mathcal{D}	1
	_	

0	
<i></i>	

7	1	-//
Studentnano	batch_nam	e 51/2
A	Dec 22	
\mathcal{B}	Nov 22	
C	Nov 22	
f D	Dec 22	
	/	

John: Schan 2 table on the besis of a condition.

Join condition: Is the way or condition on the Basis of which we decide if how from 2 tables must be combined or not.

select students name, batches name
from students

join batches

on students b-id = batches ; d;

) batche		7		St	Tudento J
id	name		fol	name	1 b_id
1	Dec 22		1.	A	
2	Nov_22		2 3 4	B C D	2 2 1

2 Nov 22 3 C 2	b. id	6. nane	Sild	S. name	s.b.id
	1 2		2	A B	1 2
	2	Nov 22 Dec 22	3	\mathcal{L}	2/1

select students batche

from students

join batches

on Students bid = batche_id

	emy	bloyee		
į	id	name	deft	id
	1	A	1	
	2	B	1	
	3	<u></u>	1	
\parallel	4	D	2	
~				

department

Id name

I Engineering

2 HR
3 Finance

select e. name, d. name

from employee as e

jour department as d

on e. dept-id = d. id

Students

Iid	name	buddy-id
1	Noman	02
2 3 4 5	Ishan Rishi Suman Rohil,	<u>.1</u> <u>5</u> 5

give me name of all students with the name of their buddy:

stredent name buddy-name

jd none

solect Siname as study-name,
b. name as ouddy-name

from student as S

join buddyasts

on Si buddy-id = bid;

Select S. name as stud-name, b. name as buddynne from students as S join students as b on S. buddy-id = b. 1d

Note whenever doing a self jour aliases are mandatory.

/ /

employee

Id | name | dept id

I A I

2 B I

3 C I

4 D 2

Select e. name, d

from employee as

defait	ment
1 10	1 name
1	Engineer
2 3	HR Finance
	J

select e. name, d. name

from employee as e

jour department as d

on e. dept-id = d 'd

Pseudo codes

ans = []

for row in employee

for row in deptartment

if row 1. dept id = row 2. id

ans. add (row 1 + row 2).

for row in ans: >

fruit (sow. employee, name,
 sow. doplartment, name)

Joins are expensive!

Patient Pane Condition

ACNE_ DIAB to

DIAB 100_ MYOP

% DIAB 1.

ATB DIAB MYOP

DIAB%

er

DIABI. OR 1/2 DIAB 1/2

DIAB% OR %DIAB%

	table	
jid	Reigh	U wt
1	50	70
2	70	
3	45	71
-> 14	70	60
		J
select *	from tab	Sle
	height	, wt ·
id	ht	nt /
3	45	7)
1	50	70 /
4	70	60/

2 70 90/