	1. Good Evening
	2. Lecture begins at 9:06 pm
	3. Topic - Subqueris, Views Back by.
	AGENDA
1,	Subqueries V Backlog
2.	Views 1. Data Typus
3.	CONDITIONALS 2. Buildin Fra
	3. SERIALIZABLE & Demo
	4. Dead Locks.
	S. Views.
	6. Composite Ordera
	7. Full-tent Search.

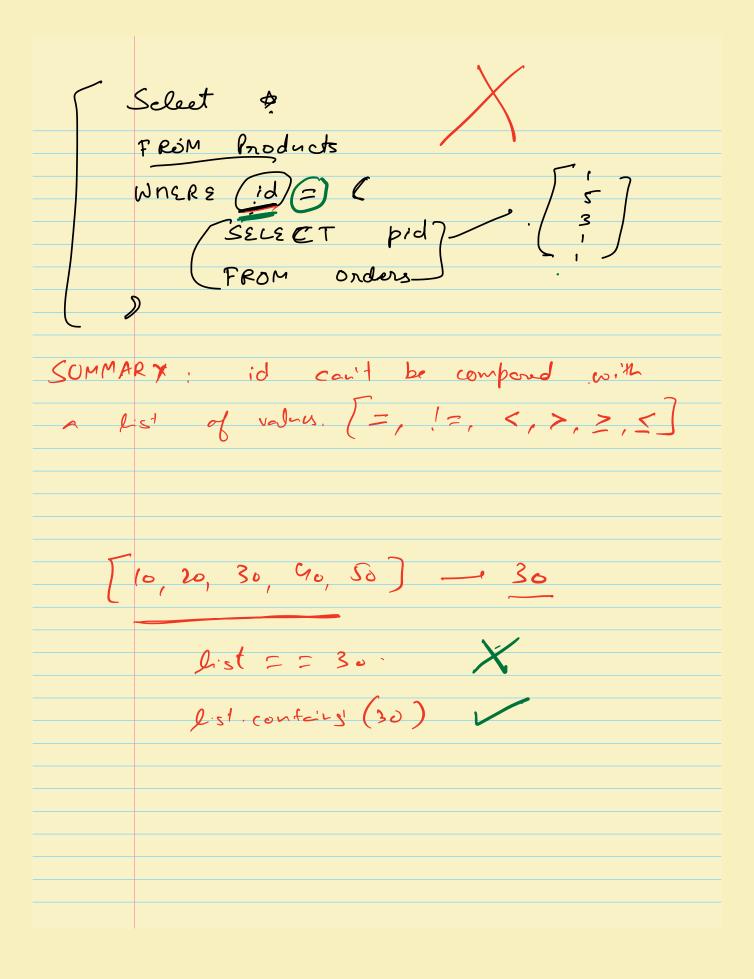
SUBOUERIES

2018	OUERIES
	Students (S1) Students (S2)
id	name psp bid id name psp bid
1	A 60 1 1 A 60 1
2	B 90 2 B 90 2
3	C 85 3 3 C 85 3
4	75 2 4 0 75 2
1	5 2 (80) 1
9	
Ø	Find all students having a higher
Over	psp then student with id = 5.
	psp man some sim no = s,
SEL	ECT S1. 4
FROM	a Stednits sl
301N	students sz
	ON (S2.id=5) AND (S1. psp > S2.psp)
Wasre	
sl. id	sl.n sl.p s.bid s2.id s2.n s2.p s2.bid
12	
2	
3	C 85 3 5 E 80 1

Subgaug: Stepl: Find pep of studied with id=5 So. - [Select psp FROM Students WHERE id=5] Step2: Find all student having psp 7 Seled & FROM SEndents WMERE psp > 80 ANSWER Sclock \$ FROM Students WHERE PSP > ((SELECT psp = FROM students WHERE id=5 Inna Oug It was return Single now & Single Column

OUERY 2

_ ~	Products Ordus
1d 1 2 3 4 5	Preme Pl Pl Pl Pl Pl Pl Pl Pl Pl P
Oney	FIND Product which are ordered
_	orders tebl.
	SELECT pid FROM Ondurs 3 1



Solvet \$ FROM Products > DISTINCT (id) IN WHERE SELECT pid from orders Oury 3. 90 >ALL [60,70,80] Students id bid psp F Onwhan : Find stidents with psp & greater then all stidents of batch 3.

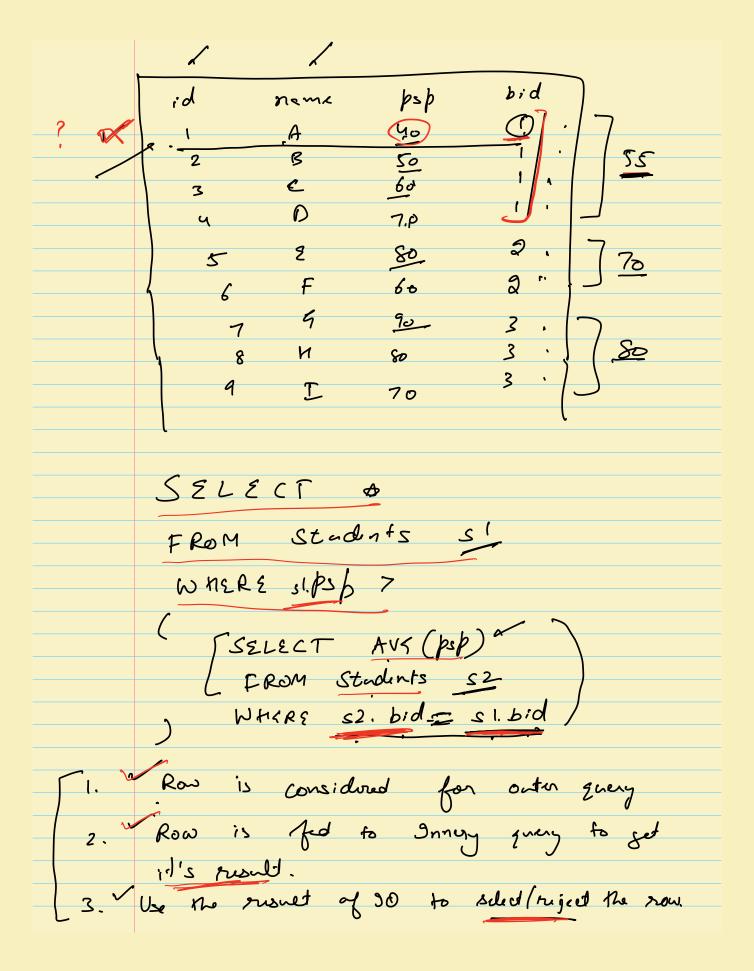
is not allowed MAX SELE CT & FROM Students where bed in c SELECT pep From -Strobals where bid = 3 psp == 60 psp (N [60,79,80] WHERE psp > [60] psp > ALL \[\frac{60}{70} \\ 80 \] WHERE

SELECT & FROM Students wrike psp 7 ALL (SELECT psp FROM st-dunks WHERE bid = 3 90 gives I now & al 90 give multiple NOT IN V (> ALL, = ALL)

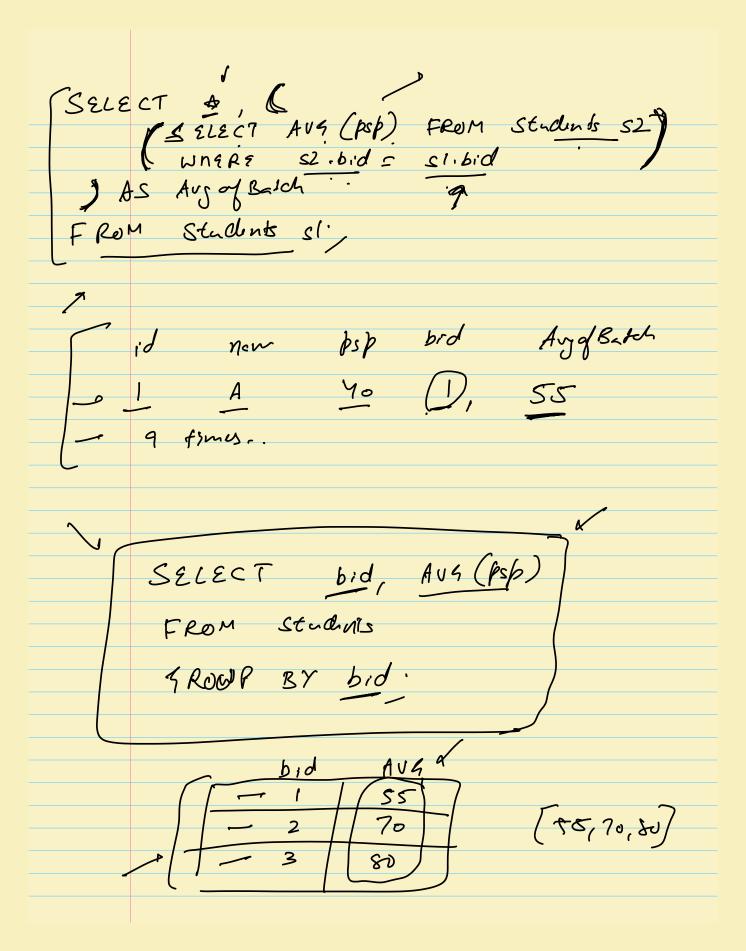
SELECT 0 FROM Students WHERE psp > SELECT MAX (psp) ___ x [60,70,80] - V MAX [60,70,80] FROM students Wnars bid= 3 = 8 Overy 9: Find students with psp

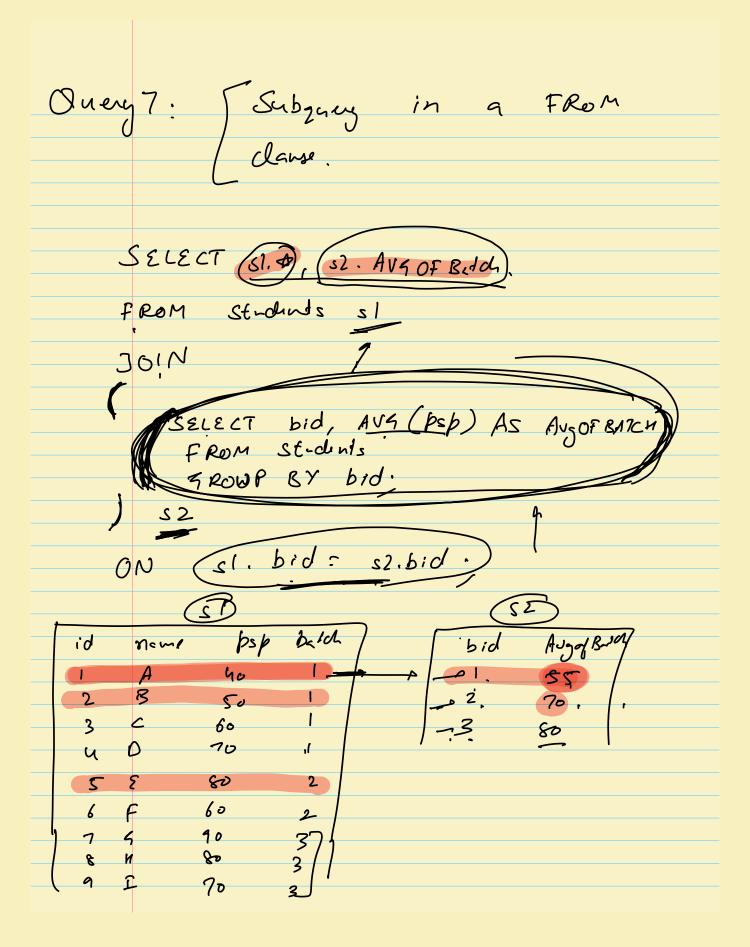
any student of build 3. SELECT \$ FROM Students where psp > ANY (SELECT psp FROM Students Wnere bid = 3

SELECT A PROM St-dents where psp > (SELECT MIN (psp) FROM Sindinks WHERE bid = 3 BREAK = 10:28 to 10:38 Onny 5: Co-related Subquuy Find all students who have psp average psp of their own



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	If det is large.			
_1	Slower of date is liss	is less.		
7 0	(- (- all at ad	Subqueries in		
Quey	SELECT	6		
0	7 rows & 5	calanns.		
j	d name psp	bid Augher of botch.		
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		- - -		





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\$ <u>Co</u>	FNULL ALESCE IF CASE				
	id 1 2 3 4	stud new A B C	NOLL NOLL NOLL NOL		
S	ELECT ROM	id, no	ts.	NULL (bid,	AS BIO

