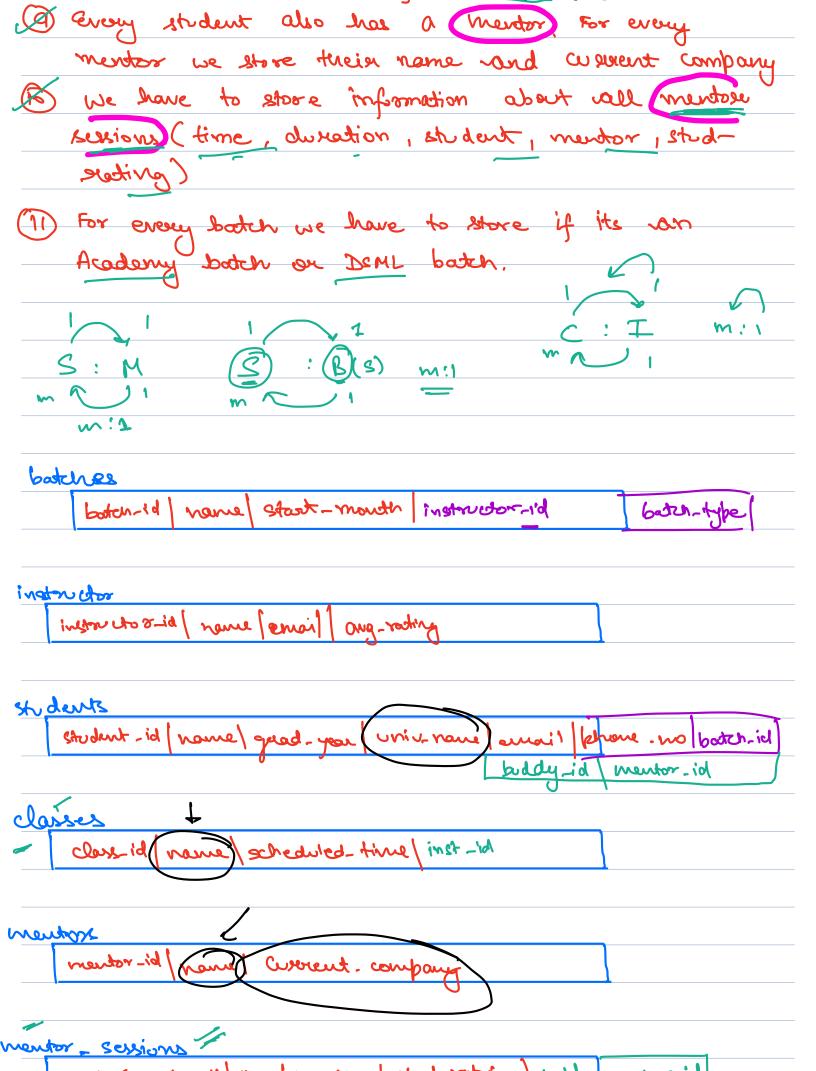
Schena Design 2.
<u> </u>
<u>Agenda</u>
·
O Complete schema design - scales
@ How to decide primary key of a
3 How to substease FK & indexes.
S 1100 10 Marion 110 The 1110 thes,
(4) Schown Darien of Nethix
(4) Scheup bezign of Netflix.
Regul remuts Scaley will have multiple bookher About each
boten we have to store their name, stout mouth,
where (instructor)
Each botch of scaler will have multiple students
Each baten has multiple classes,
For each was we have to store the name of
the class, date and time of the was, instructor
of the class.
To For every student we store their names, grad year,
university name, evoil, phone number,
Devery straut has a buddy who is also
a stident.
De A student may more from one batch to another.
For each botch a student gues to we have to
store the start date of that batch, religibles

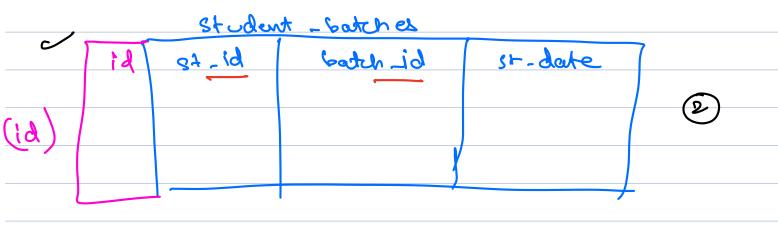


182   natharub   sin - noises- ratuen	34. 101 [Mendor-16]
botch-id class-id	batch-type id/name
	id/name
Student batches	
Student - bothes  St. id bothid st.	date
(Academy DML) 7	
Ratch. Type - enunc - have values	one of the given set of
Bedres Type a boud	present all iffres of
- And I	a fined set of
Dent	
cerum Gender &	
MALE	
E EMAL E	
<u>}</u>	
Academy - 0 com	booken_type of
Morning -> 1	ACADEMY, O
Deml -> 21	DSML 17
	3

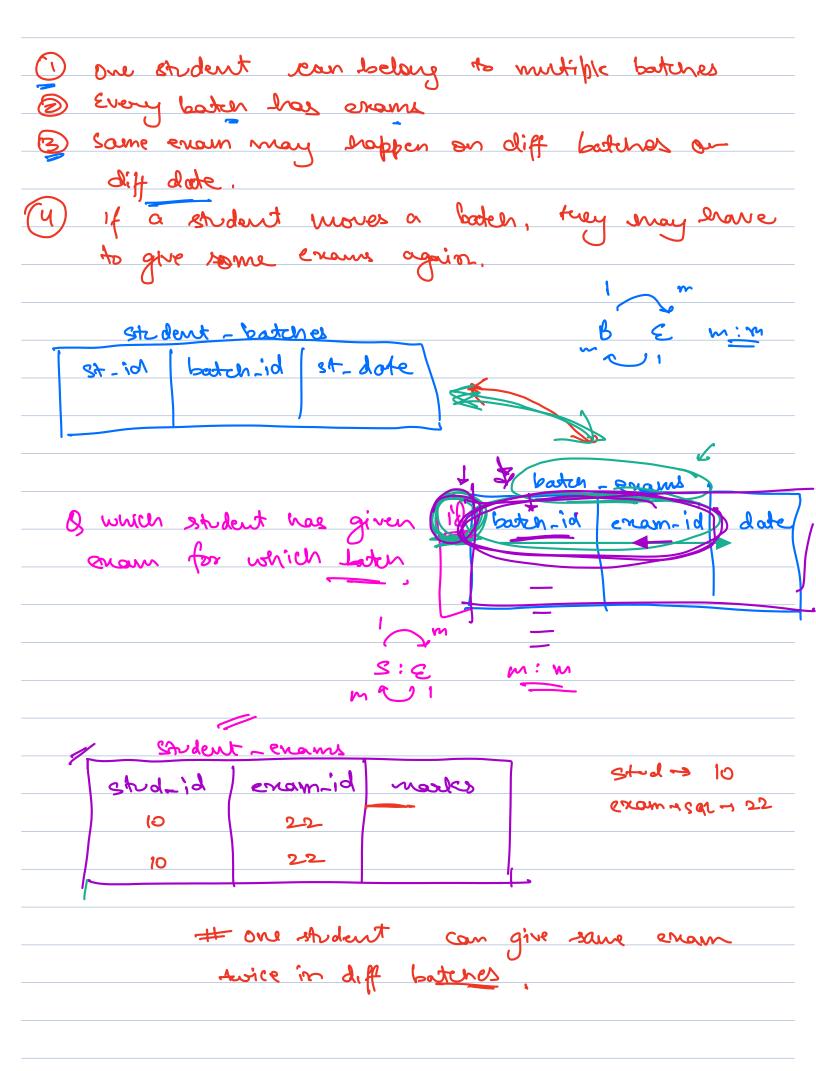
How to such	present	eving.	
(a) veing	Hinge		
	name	thes 1	1
	name		baten-type
			"Acod eny"
			" A cadery"
			"DSML"
			DEML
			" A cadeny"
CON19 -	> space ->	each va	be takes a lot of space
	slow.	string con	paris ons
		O	
Plos -	Readalor	lity	
	> No roi	ne le meg	ined
	J	0	
(b) Using	integers		
	. /	at the	
	ia No	ane (	trabe
	'		

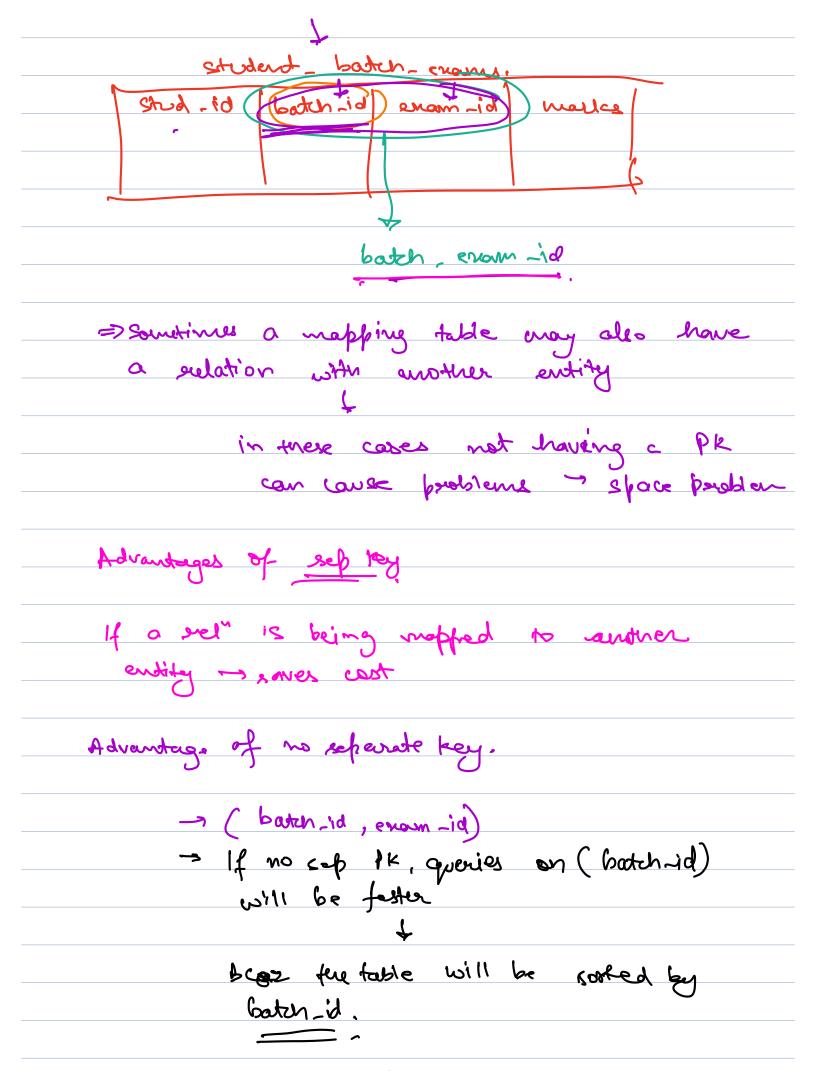
Pros -> less space
= faster to search
ous → most readable
> can't add values in between /
→ court delete values in between
Ten zi esterreb en value denste is not
present in NB.
(c) Lockup Table.
Le separate table to store all flu type.
1> each teghe is shored as a separate som
batch types batches
(12) varre
Academy
2 DSML

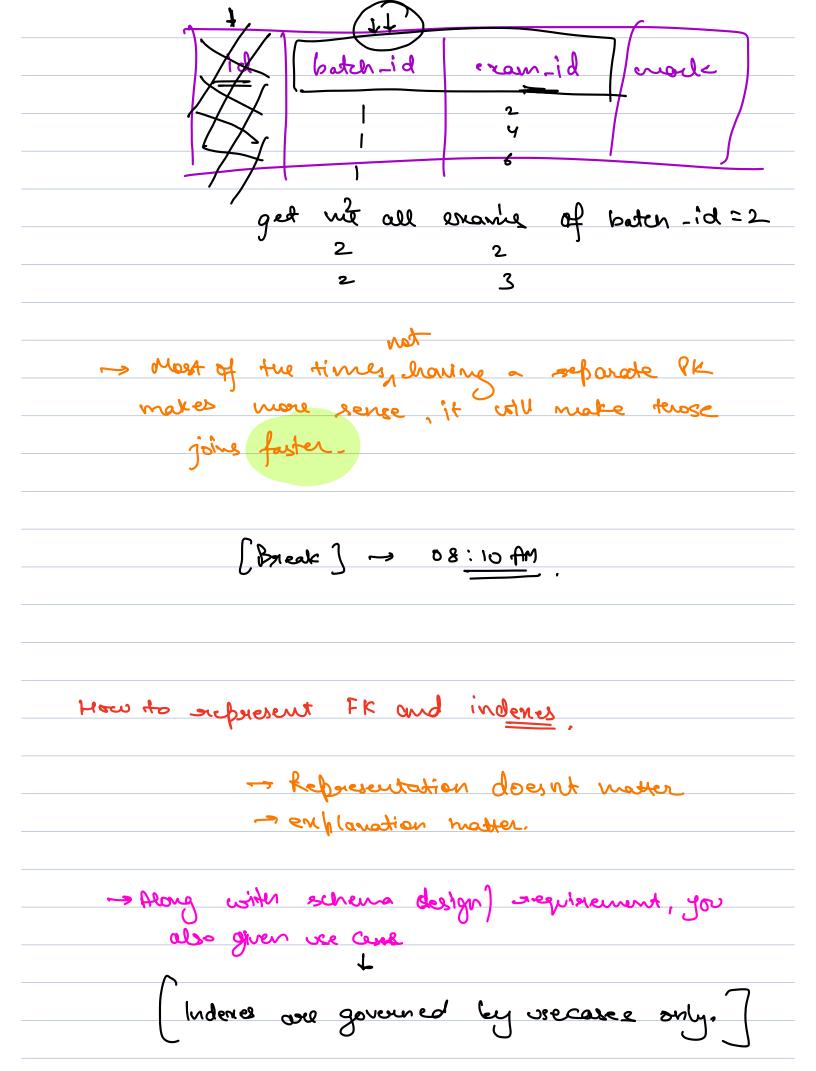
How	to devide	painary tèc	J of a map	ping table		
	student.	batches				
	st_id	baten_id	et_date			
PK	2_	6		~		
PK Gt_id,	2	<u> 2</u>				
batch_id)						
				,		
		<u>U3</u>				
	Stude	nt - batch es				
1	d 24_1d	bir Astrod	st-date	7		
				(2)		
(b)						



-> size of inden will be bigger in (1)







-> FK is mentioned along side coneating scheme.
> table
reation => odleibutes  Fk => > > Pp relations
we talk about indenes at the end
Depending on use case