

Agenda

KEYS

Students

id	Name	Email	Phone No	psp	Search psp	of-
=	? (- Rahul	×			Rahul	
11	Naman	•				
=	Deepak					
	7 - Rahul	Y	=			

Using name, a row can't be identified uniquely.

per-key

· fame, email, maxles) No

· fame, email, maxles) No

```
(Student ID, couse Id)

(B) { First N, last N}

(C) { Course Id, Student Age} ×

(D) { Last Name, Course ID}
```

superkey must include an attribute or a set of attributes that uniquely identifies the record.

Qui2-2

A) (Student Id, Name)

B) & Name, email }

c) { Name, ps }}

0) of Name, phone No, psp }

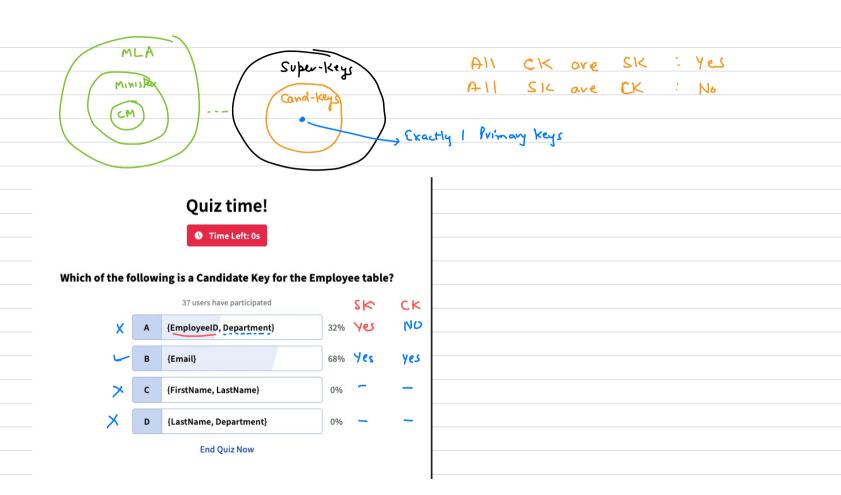
% Attendance of every student in every closs

•	7	J			
Student_id	class_id{	attendance			
1	saloi	70%.			
→ 1	SALOZ	80%.	S 9 L 0 2		
2_	SQLOI	60%			
→ 2	sq LOZ	40%			
		•			
	_	4		CK	ع اد
student_id	→ { s \	-udent-id, class-	id P	Yes	Yes
c1 a/5-1d		ndent-id, clas		No	745
/\				,	

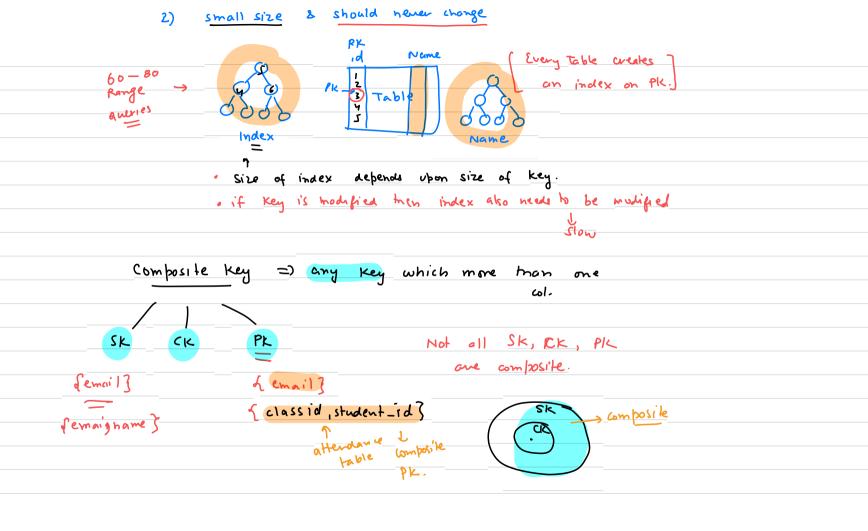
Agenda Candidate key (Theory)

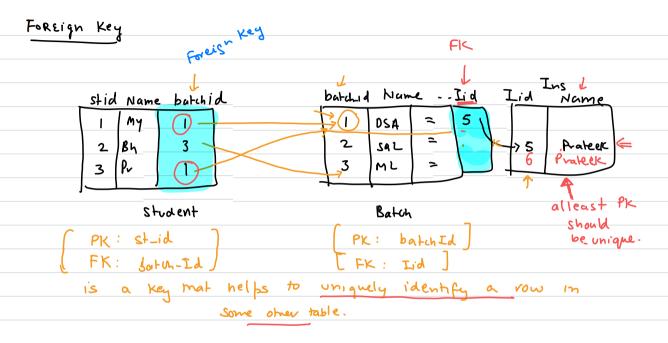
Theory

Primary key (tode) Foreign Key (Gode) composite key [Term] = Installation MysaL FK Constaint Candidate key - it is a key from which no cols con be removed so that we can uniquely identify a row subset of Super-keys.



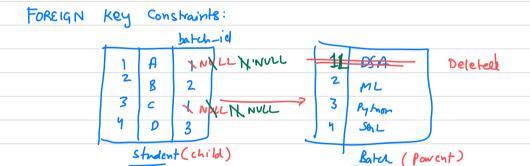
if you can remove alleast 1 61 -> No
5K (Y
A (of Employee Id, Emmil}) Yes (16)
B (EmpId? Yes Yes
C { Email}
D R &C
PRIMARY KEY
is one key out of many possible will be
Chosen as "Primary leay" of
table.
it is one of the ck's.
Good Primary Key:
1) Fast to sort upon. Data by default is sorted acc
to PK. SK CK PK
f student -1 d? W Fast
femail } © © 😢
\





Installation:

- 2) Workbench Mysal
 - 3) Dataset : Sakila DB



Business => Delete me students. Action => Update a Batch. / Update a Batch_id

CASCADE

Decision => Set NULL Action 2 => Set NULL

SET NULL

⇒ No A chon, Disallow Achin 3 (Default) ⇒ Disallow RESTRICT

⇒ Set Default SET DEFAULT