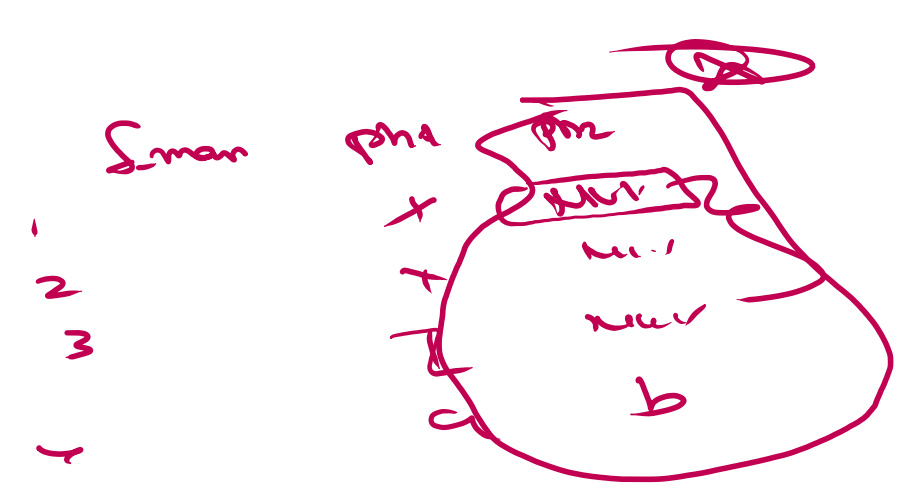


What is schema design?



- Agenda:
- 1. What is relationship
 - 2. Sparse Table
 - 3. Mapping Table

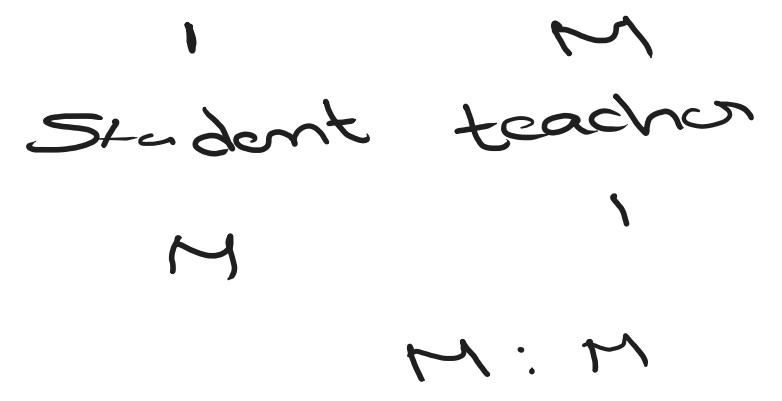
- Tables:
- 1. Student
 - 2. Teacher
 - 3. Subjects
 - 4. Branch
 - 5. HOD

Student

- f_name
- L_name
- email
- Branch
- Mobileno

Student-ph

- 4
- 4
- 4



Subjects

Subjname
Branch
desc

Teacher

f_name
L_name
Email
Mobil
Branch
subject

id
f_name
L_name
mobil
email

Branch

HOD

(1:1)

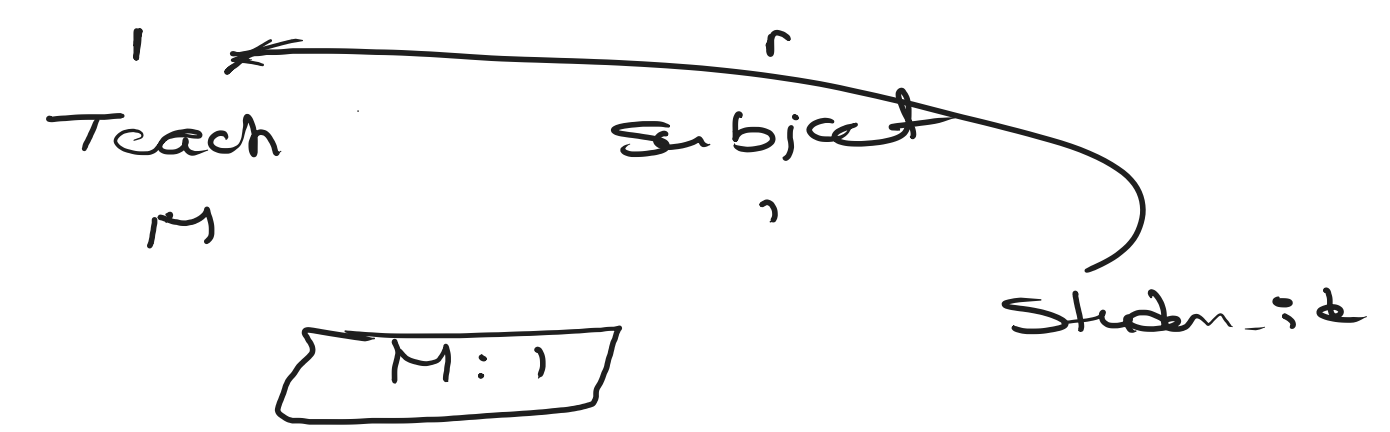
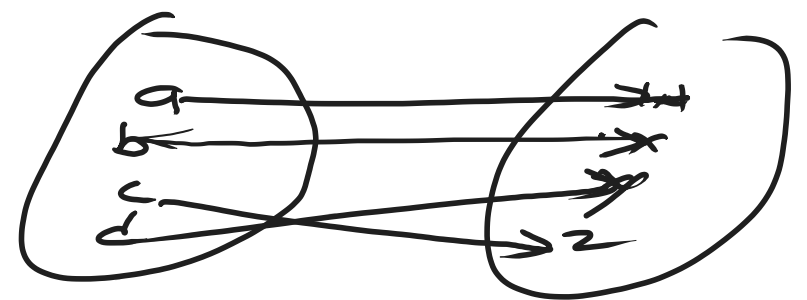
Branch

Branch_name
desc

HOD

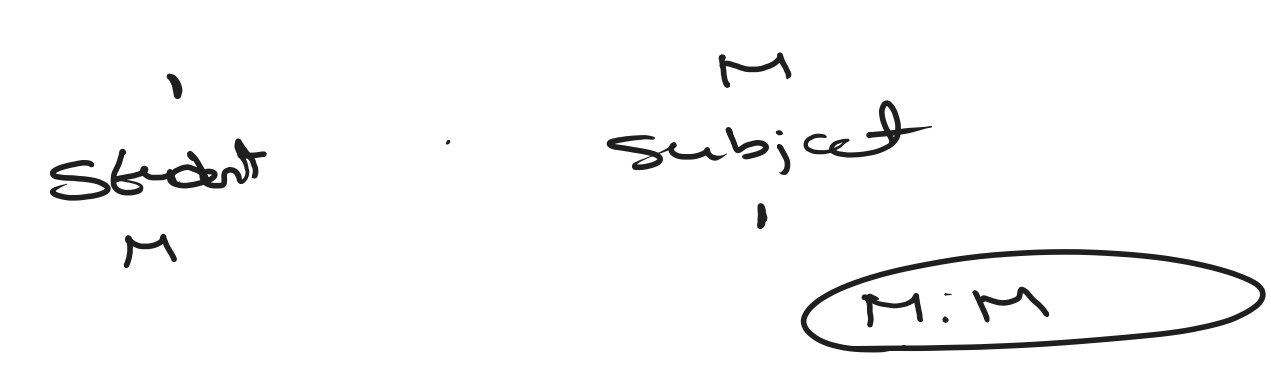
→ xxx Teach-id
→ Branch

id	Branch	perc	thru	id	Teach	Start	End	Branchid
1	CS	...	1	1	100	xyz	-	1
2	EE	...	2	2	101	abc	-	2
3	ME	...	3	3	102	MM	-	3
4	CE	...	2	4	103	LIK	-	2



xyz - "Web"
ABC - "Web"

id	f_name	email	Branch	subject	id	subj	desc
1	xyz	...	CE	1	1	Web	...
2	abc	...	CE	1	2	Java	...
3	km	...	ME	3	3	HeadTras	...
					4	Load biling	...
					5	power loss	...



Mapping Table

id	f_name	L_name	mobil	email	id	subject	subject L
1					xyz		
2					ABC		
3							

Student-subject	Student-id	Subject-id
1	1	xyz
2	1	ABC
3	2	xyz
4	2	km

M:M