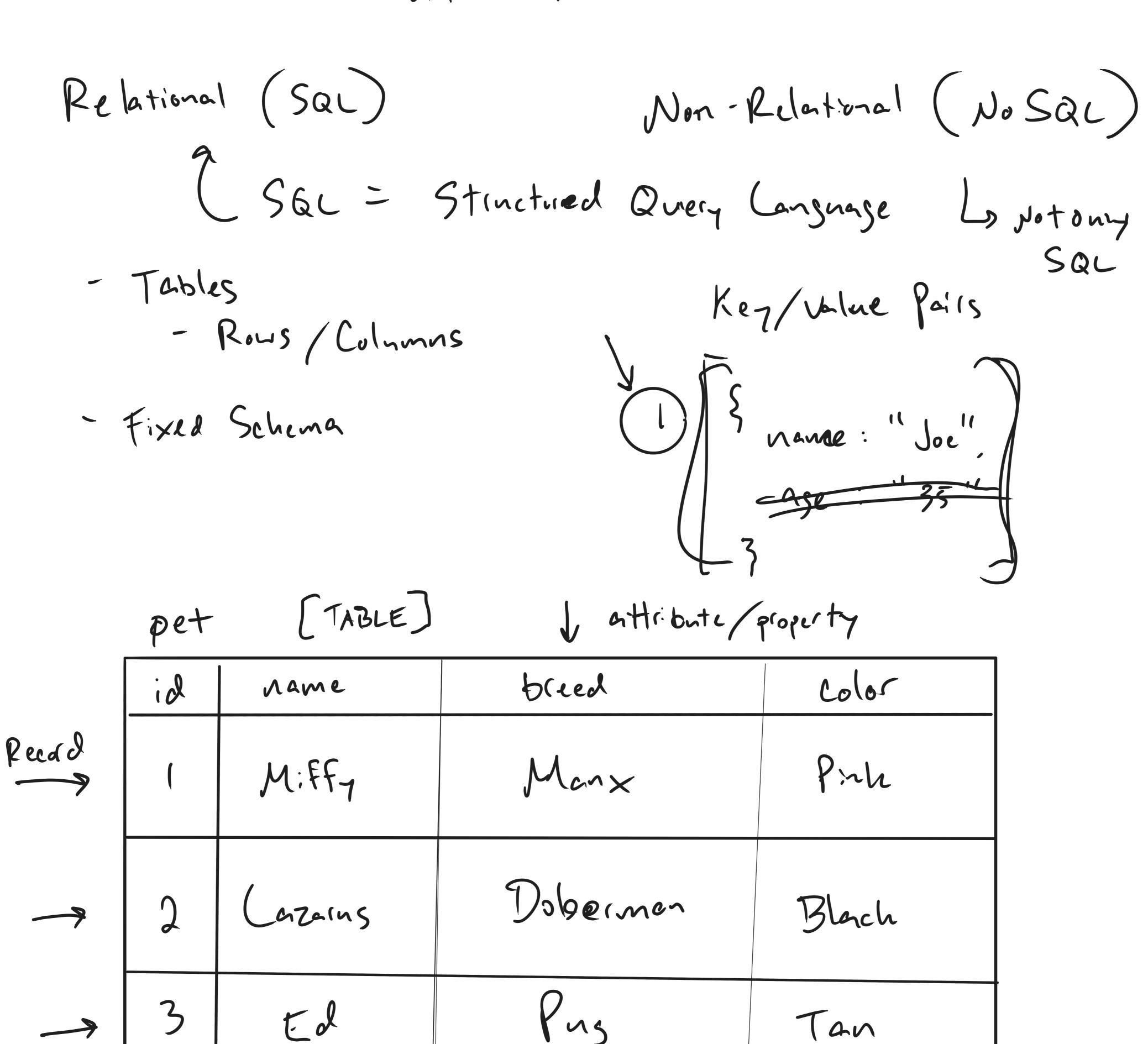
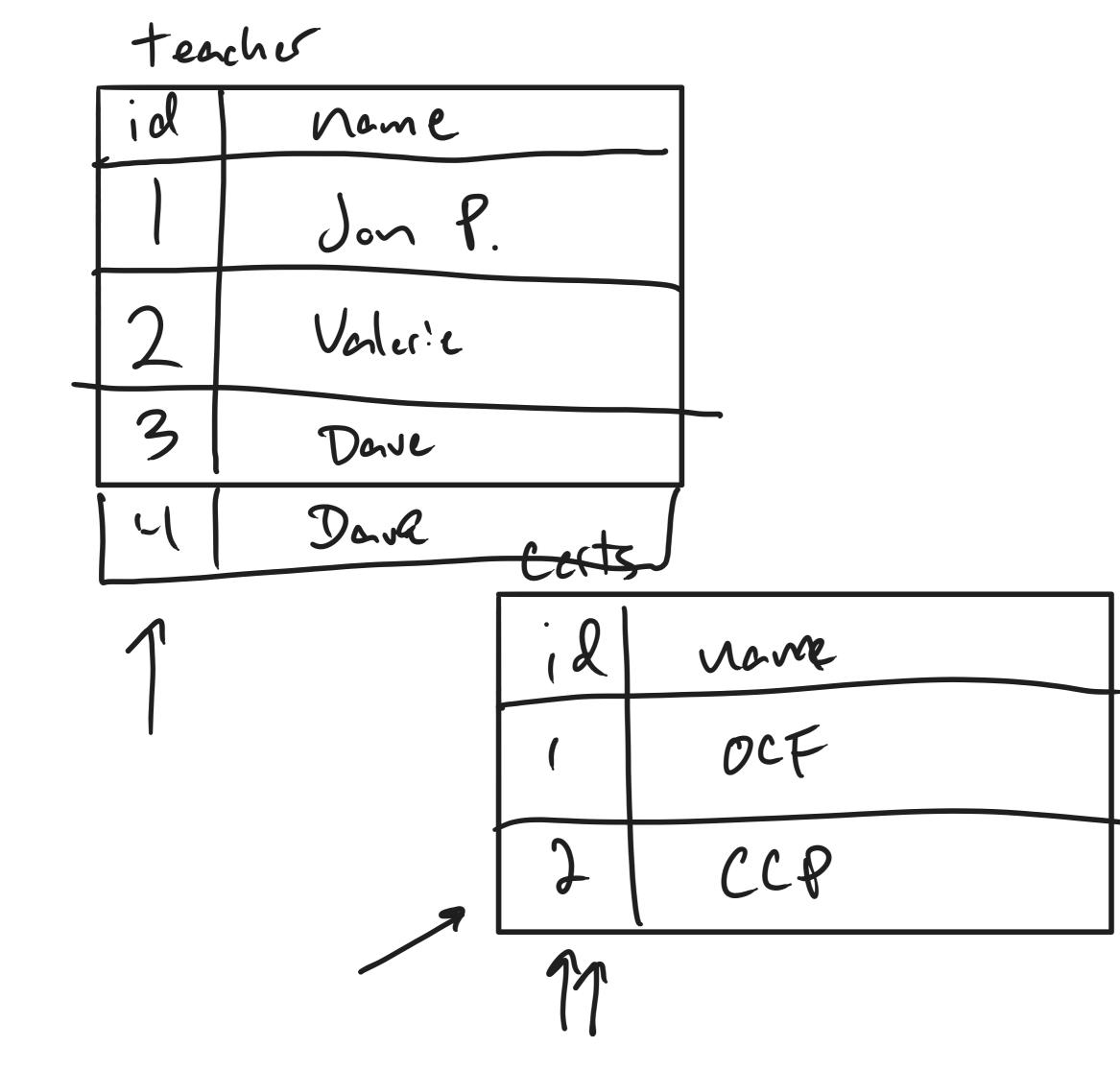
## DATABASES

- persistent source of truth for an application
- REST APIS are stateless
  - they don't remember ANYTHING.
  - ALL dete must live in the DB



Null



Tine

Stu	Dent			
10	Name	teacher-id	c_id	
	Jeff		2	4
2	Titling		1	
3	Elizabeth	3	2	4
1	i			,

Tan

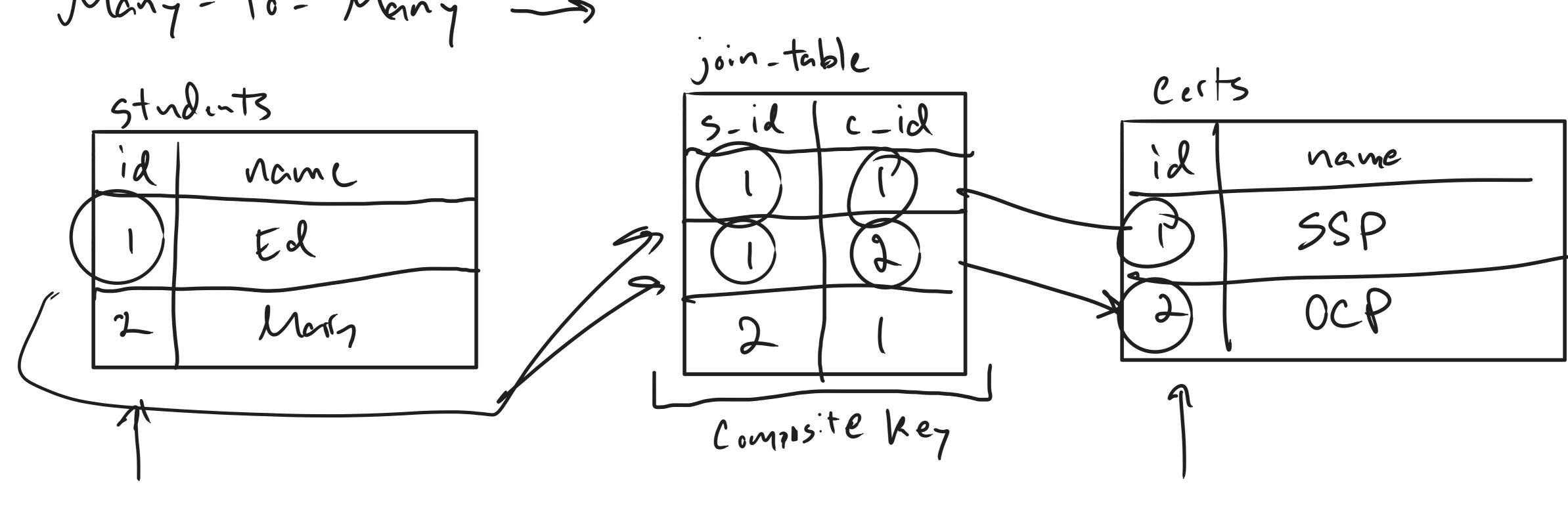
Boun

Primary Key:
unique identifier for
a record (1 or more
Columns)

Foreign Rey: A primery very for another table used as a Column on a table to 1:nh them

RELATIONSAIPS

1-to-1 -> Foreign Key can goon either side 1- to-Many/Many-to-1 -> FK goes on the MANY Side Many-to-Many



SELECT \* FROM teacher JOIN students ON teacher id I Student. teacher\_id;

SELECT \* FROM Student JOIN join-table ON Student id = join-table. Student-id Join Cert On join-table cert-id = cert. id; [ Ed 122 STC