



<u>students</u>		
id	name	psp ....

C insert rows  
 R read  
 U update  
 D Delete

Sakila Database  
 ↳ digital video rental store

create a table → prev class

film → insert row

```
INSERT INTO table-name ( —, —, —, —, ... )
values ( —, —, —, —, ... ),
( —, —, —, —, ... ),
( —, —, —, —, ... );
```

Read

SELECT

Read every row, every col<sup>m</sup> of film;



select \* from film;



all columns

select title, description, release-year from film;



only these columns  
will be picked.

select title as film-name from film;



alias

case insensitive

#

APK - (5)

KKHH (4)

KKKG (5)

film → rating  
▲

distinct

select distinct rating, release-year from film;

ans = []

for each row in film:  
ans.append(row)

filt-ans = []

for each row in answer

filt-ans.append(row['rating'],  
row['release-year'])

final-ans = set(filt-ans)

10:37 pm



WHERE clause  
↓  
filter the data

≡ "IF"

Find all film where rating is P4-13 !

```
select * from film
  where rating = 'P4-13';
```

! = < >  
< >

ans = []

for every row in film:

if (row matches the cond" in where clause)  
 ans.append(row)

for every row in ans:

final\_ans.append(row['release\_year']);

AND, OR, NOT