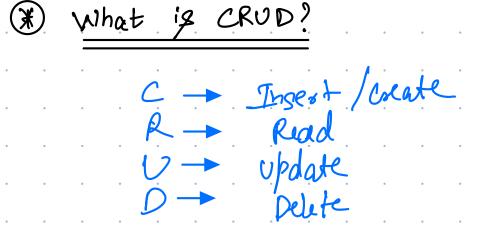
## CRUD-1

- \* Agenda:-
  - O what is CRUD?
  - O Sakilla Database over view
  - O Create
    - 0 Insert
  - · Read.
    - O SELECT
    - O DISTINCT
    - O Print constant values veing select
    - O Operatione on columne
    - O Inserting data from another table
    - O WHERE clause
    - O AND JOR/NOT
    - O IN operator
  - · Practical



```
sakilla Dataset oxur view:-

Video vental stope

dataset
```

```
CREATE:-

STATEMENT -> INSERT
```

```
INSERT INTO {table name}

Column2, ... }

VALUES

(..., ..., ..., ...),

(..., ..., ...),
```

Read:

STAMENT :- SELECT

## Pseudo cade:-

ane = [] table = [?3, ?}, {3, ...]

for each sow in film:

11 FROM

filtered\_ans = C7

for each sow in one: // Protection
filtered-ang.add (row ['rating'),
sow ['release year'])

unique ans = set (filtered-ans) // Distinct return unique ans;

*	Selict	Stat	ement	्रि		bow	<del>.</del>	Cor	g fa	nt
•	Valse	<u>8</u>	• •	•	•	•	•	•	•	•
		•	•	•	•	•	•	•	] •	

Select 1; Select "Hello woold";

WHERE Chuse:-

Lis synonymous to if

Select or.
from film
Where rooting = PCT-13;

11 PROM for row in table:
11 WHERE If row matches (and in where):
ans. add (row)

filtered ans = []

// SELECT

for each gow in ans:
fittered\_ans.add (sow ['rating'])

11 DISTINCT unique ans = set (filtered ans) setum unique ans;



## AND/OR/NOT :-

and or not

AND OR NOT

SELECT \*

from film

Where rating = PC1-121

AND release-year = 2006;

SELECT \*

from film

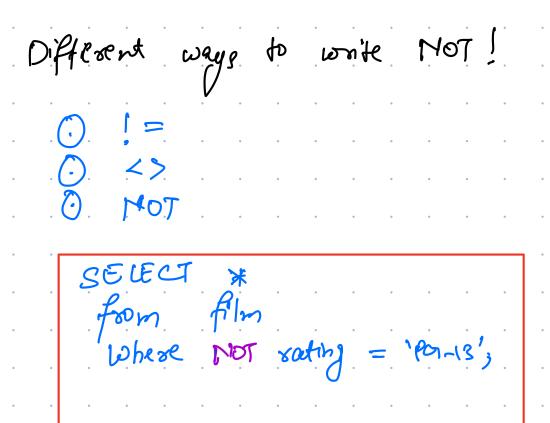
Where rating = POI-131

OR release-year = 2006;

SELECT \*

from film

Where rating 1 = 'Por-18';



Select it

from film

where roating = 'Per-12'

OR rating = R'

OR reting = 'Par';

Select & from film where rating IN (Par, R, Par-121)

Select \*
from film
where rating NOT IN (...);

where NOT sating in (...);