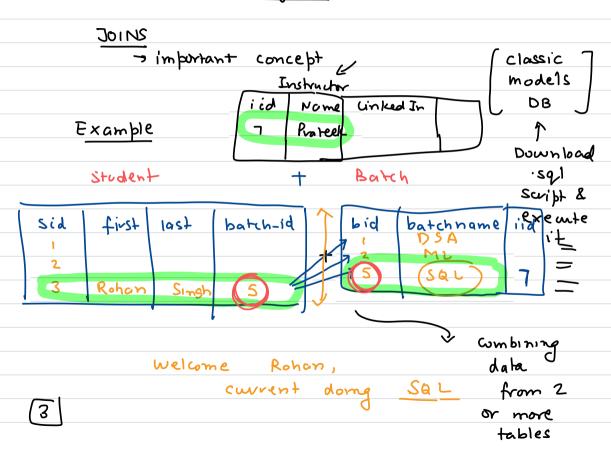


Agenda



> Query I table

- Query Combine data from multiple tables.

SELECT + FROM students Sizes Colors JOIN batches ON Students. batch_id = batches. batch_id for S in students: CROSS FRom colors
for b in batches: Join Join sizes; if (S. batch-id = b. batch-id) ans append (s,b); R-S G-S B-S

R-M G-M B-M

Rows

R-L G-L B-L

R-XL G-XL B-XL return ans;

SELF-JOIN

-> Join a table itself. Student Student buddy_id buddy -id id id name name Ranul Rahul 2 Harsh Haush Deeksha Deeksha

> Print names of students and their buddies student student

> > Rahul > Havsh
> >
> > Hash > Rahul
> >
> > Deeksha > Rahul

AS student Name SELECT SI. name, SZ. name as buddy Name FROM Student 51 =) JOIN Student SZ SI. buddy-id = SZ. 1d ON St. name = "Prateck" WHERE ans = [] row I in student s1: for row 2 in student S2: JOIN ON = if SF. rowl. buddy-id = row2. id ans. append (rowl trow 2) Ontput = ()

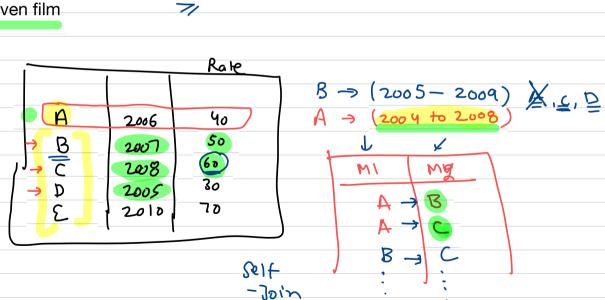
```
for row in ans:

WHERE Dif (row. buddy name = Prateell)

Output append (rou)
WHERE
 select print (output)
```



- -- For every film, name all the films that were release
- -- in the range of 2 years +- of that film
- -- and there rental rate was more than the rate of the
- -- of given film



SELECT *

FROM film f1

JOIN film f2

ON f2-release-year BETWEEN f1-year-2 AND f1-rel +2

Year

AND f2-rental-rate > f1-rental-rate

AND f1-film-id I = f2-film-id,