

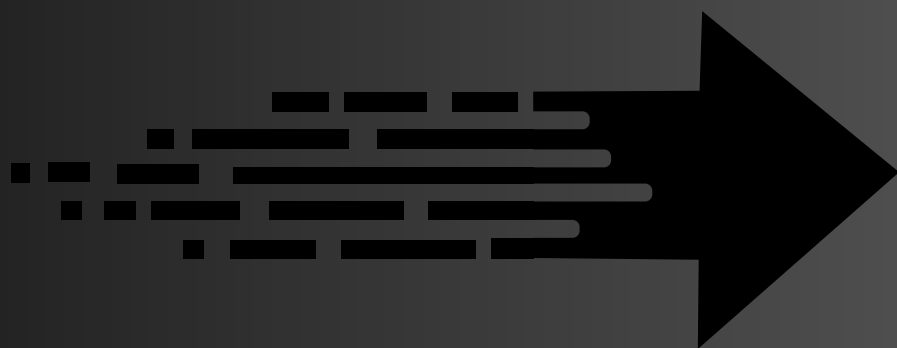


# LeetCode

*50 Days 50 SQL Questions*  
*Work In Progress*

**Day 39/50**

***39. Movie Rating***





# *50 Days 50 SQL Questions*

## *Work In Progress*

# *Question*

Write a solution to:

- Find the name of the user who has rated the greatest number of movies. In case of a tie, return the lexicographically smaller user name.
- Find the movie name with the **highest average** rating in February 2020. In case of a tie, return the lexicographically smaller movie name.





# 50 Days 50 SQL Questions

## Work In Progress

# Table

### Input:

Movies table:

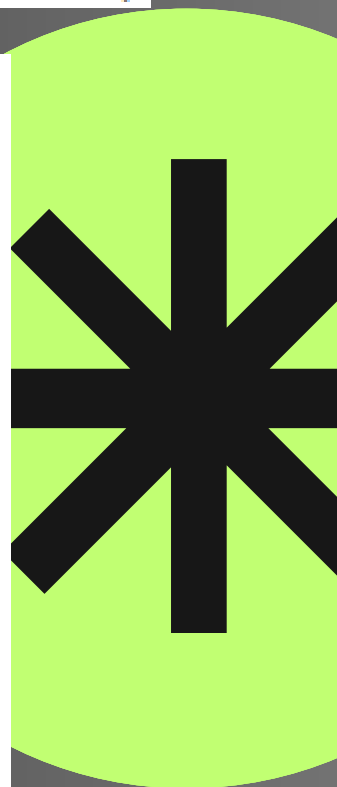
movie_id	title
1	Avengers
2	Frozen 2
3	Joker

Users table:

user_id	name
1	Daniel
2	Monica
3	Maria
4	James

MovieRating table:

movie_id	user_id	rating	created_at
1	1	3	2020-01-12
1	2	4	2020-02-11
1	3	2	2020-02-12
1	4	1	2020-01-01
2	1	5	2020-02-17
2	2	2	2020-02-01
2	3	2	2020-03-01
3	1	3	2020-02-22
3	2	4	2020-02-25



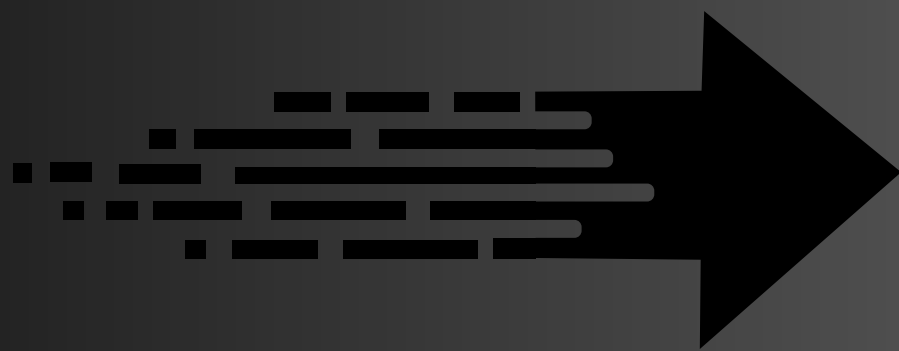


# *50 Days 50 SQL Questions*

## *Work In Progress*

# *Approach*

Used Union to get to results. For user who rated most movies, Joined Users & MovieRating table, grouping by user\_id and ordering in desc by Count of Rating & for film with highest AVG rating in Feb 2020, used Month and Year func to filter out and finding films with max rating before Feb 2020.





# *50 Days 50 SQL Questions*

## *Work In Progress*

# *Query*

MySQL Auto

```
1  # Write your MySQL query statement below
2  (SELECT name AS results
3   FROM Users JOIN MovieRating USING(user_id)
4   GROUP BY user_id
5   ORDER BY COUNT(rating) DESC,name ASC
6   LIMIT 1)
7
8  UNION ALL
9
10 (SELECT title
11  FROM Movies JOIN MovieRating USING(movie_id)
12  WHERE MONTH(created_at) = '02' AND YEAR(created_at) = '2020'
13  GROUP BY movie_id
14  ORDER BY AVG(rating) DESC,title
15  LIMIT 1)
```





# *50 Days 50 SQL Questions*

## *Work In Progress*

# *Output*

**Output:**

+	-----	+
	results	
+	-----	+
	Daniel	
	Frozen 2	
+	-----	+





# *50 Days 50 SQL Questions*

## *Work In Progress*

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thoughts in the  
comment section*

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*Thank You :)*

