

SQL LEETCODE PROBLEMS

QUESTION 1

**Find second most recent
activity of user.**

-- Mayuri D.

Data--

Result Grid

Filter Rows:

Export:

	username	activity	startDate	endDate
▶	Alice	Travel	2020-02-12	2020-02-20
	Alice	Dancing	2020-02-21	2020-02-23
	Alice	Travel	2020-02-24	2020-02-28
	Bob	Travel	2020-02-11	2020-02-18

```

8 • WITH activity AS(
9     SELECT *,
10    COUNT(1) OVER(PARTITION BY username) AS total_activity,
11    RANK() OVER(PARTITION BY username ORDER BY startDate) AS rank_user
12    FROM useractivity
13 )
14 SELECT username, activity, startDate, endDate FROM activity
15 WHERE total_activity = 1 OR rank_user = 2;

```

Result Grid |   Filter Rows: | Export:  | Wrap Cell Content: 

	username	activity	startDate	endDate	total_activity	rank_user
▶	Alice	Travel	2020-02-12	2020-02-20	3	1
	Alice	Dancing	2020-02-21	2020-02-23	3	2
	Alice	Travel	2020-02-24	2020-02-28	3	3
	Bob	Travel	2020-02-11	2020-02-18	1	1

```

8 • ⊖ WITH activity AS(
9     SELECT *,
10    COUNT(1) OVER(PARTITION BY username) AS total_activity,
11    RANK() OVER(PARTITION BY username ORDER BY startDate) AS rank_user
12    FROM useractivity
13 )
14 SELECT username, activity, startDate, endDate FROM activity
15 WHERE total_activity = 1 OR rank_user = 2;

```

Result Grid |  Filter Rows: | Export:  | Wrap Cell Content: 

	username	activity	startDate	endDate
▶	Alice	Dancing	2020-02-21	2020-02-23
	Bob	Travel	2020-02-11	2020-02-18

THANK YOU

-- Mayuri D.