

# Problem 3087: Find Trending Hashtags

## Problem Information

Difficulty: **Medium**

Acceptance Rate: 0.00%

Paid Only: No

## Problem Description

Table:

Tweets

+-----+-----+ | Column Name | Type | +-----+-----+ | user\_id | int | | tweet\_id | int | | tweet\_date | date | | tweet | varchar | +-----+-----+ tweet\_id is the primary key (column with unique values) for this table. Each row of this table contains user\_id, tweet\_id, tweet\_date and tweet.

Write a solution to find the

top

3

trending

hashtags

in

February

2024

. Each tweet only contains one hashtag.

Return

the result table orderd by count of hashtag, hashtag in  
descending  
order.

The result format is in the following example.

Example 1:

Input:

Tweets table:

user_id	tweet_id	tweet	tweet_date
135	13	Enjoying a great start to the day! #HappyDay	2024-02-01
136	14	Another #HappyDay with good vibes!	2024-02-03
137	15	Productivity peaks! #WorkLife	2024-02-04
138	16	Exploring new tech frontiers. #TechLife	2024-02-04
139	17	Gratitude for today's moments. #HappyDay	2024-02-05
140	18	Innovation drives us. #TechLife	2024-02-07
141	19	Connecting with nature's serenity. #Nature	2024-02-09

Output:

hashtag	hashtag_count
#HappyDay	3
#TechLife	2
#WorkLife	1

Explanation:

#HappyDay:

Appeared in tweet IDs 13, 14, and 17, with a total count of 3 mentions.

#TechLife:

Appeared in tweet IDs 16 and 18, with a total count of 2 mentions.

#WorkLife:

Appeared in tweet ID 15, with a total count of 1 mention.

Note:

Output table is sorted in descending order by hashtag\_count and hashtag respectively.

## Code Snippets

### MySQL:

```
# Write your MySQL query statement below
```

### MS SQL Server:

```
/* Write your T-SQL query statement below */
```

### PostgreSQL:

```
-- Write your PostgreSQL query statement below
```

### Oracle:

```
/* Write your PL/SQL query statement below */
```

### Pandas:

```
import pandas as pd

def find_trending_hashtags(tweets: pd.DataFrame) -> pd.DataFrame:
```

## Solutions

### MySQL Solution:

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