

LeetCode Explore Problems Mock Contest Articles Discuss Store

May LeetCode Challenge

Description Solution Submissions Discuss (86)

1264. Page Recommendations

Medium 17 GP 2 Add to List Share

SQL Schema >

Table: Friendship

Column Name	Type
user1_id	int
user2_id	int

(user1\_id, user2\_id) is the primary key for this table.

Each row of this table indicates that there is a friendship relation between user1\_id and user2\_id.

Table: Likes

Column Name	Type
user_id	int
page_id	int

(user\_id, page\_id) is the primary key for this table.

Each row of this table indicates that user\_id likes page\_id.

Write an SQL query to recommend pages to the user with user\_id = 1 using the pages that your friends liked. It should not recommend pages you already liked.

Return result table in any order without duplicates.

The query result format is in the following example:

Friendship table:

user1_id	user2_id
1	2
1	3
1	4
2	3
2	4
2	5
6	1

Likes table:

user_id	page_id
1	88
2	23
3	24
4	56
5	11
6	33
2	77
3	77
6	88

Result table:

recommended_page
23
24
56
33
77

User one is friend with users 2, 3, 4 and 6.  
Suggested pages are 23 from user 2, 24 from user 3, 56 from user 3 and 33 from user 6.  
Page 77 is suggested from both user 2 and user 3.  
Page 88 is not suggested because user 1 already likes it.

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Seen this question in a real interview before?

Contributor

Companies

MySQL

# Write your MySQL query statement below

Console Contribute

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