

Description Editorial Solutions (1.5K) Submissions

## 626. Exchange Seats

Medium 1.2K 545

Companies

SQL Schema

Table: Seat

| Column Name | Type    |
|-------------|---------|
| id          | int     |
| student     | varchar |

id is the primary key (unique value) column for this table.  
Each row of this table indicates the name and the ID of a student.  
id is a continuous increment.

Write a solution to swap the seat id of every two consecutive students. If the number of students is odd, the id of the last student is not swapped.

Return the result table ordered by id in ascending order.

The result format is in the following example.

## Example 1:

## Input:

Seat table:

| id | student |
|----|---------|
| 1  | Abbot   |
| 2  | Doris   |
| 3  | Emerson |
| 4  | Green   |
| 5  | Jeames  |

## Output:

| id | student |
|----|---------|
| 1  | Doris   |
| 2  | Abbot   |
| 3  | Green   |
| 4  | Emerson |
| 5  | Jeames  |

## Explanation:

Note that if the number of students is odd, there is no need to change the last one's seat.

Accepted 151.5K Submissions 221K Acceptance Rate 68.6%

Seen this question in a real interview before? 1/4

Yes No

Discussion (55)

Related Topics

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MySQL Auto

```
1 # Write your MySQL query statement below
2 SELECT
3     CASE
4         WHEN id % 2 != 0 AND id = (SELECT MAX(id) FROM Seat) THEN id
5         WHEN id % 2 = 0 THEN id - 1
6         ELSE id + 1
7     END AS id
8     ,student
9 FROM Seat
10 ORDER BY id
```

Ln 4, Col 25

Console

Run

Submit