

603. Consecutive Available Seats

Easy

👍 387

👎 31

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SQL Schema

Table: Cinema

Column Name	Type
seat_id	int
free	bool

seat_id is an auto-increment primary key column for this table.
Each row of this table indicates whether the ith seat is free or not. 1 means free while 0 means occupied.

Write an SQL query to report all the consecutive available seats in the cinema.

Return the result table **ordered by seat_id in ascending order**.

The test cases are generated so that more than two seats are consecutively available.

The query result format is in the following example.

Example 1:

Input:

Cinema table:

seat_id	free
1	1
2	0
3	1
4	1
5	1

Output:

seat_id
3
4
5

Accepted 43,531

Submissions 64,614

Seen this question in a real interview before?

Yes

No

Companies

0 ~ 6 months

6 months ~ 1 year

1 year ~ 2 years

Amazon

3

Related Topics

Database

```
1 # Write your MySQL query statement below
2 select distinct a.seat_id
3 from cinema a join cinema b
4 on abs(a.seat_id - b.seat_id) = 1
5 and a.free = true and b.free = true
6 order by a.seat_id
7 ;
```