Problem 603: Consecutive Available Seats

Problem Information

Difficulty: Easy
Acceptance Rate: 65.16%
Paid Only: Yes
Tags: Database

Problem Description

Table: `Cinema`

+-------------+------+ | Column Name | Type | +-------------+------+ | seat_id | int | | free | bool | +-------------+------+ seat_id is an auto-increment 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.

Find 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 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 | +---------+

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
```