

Table: Events

Column Name	Type
business_id	int
event_type	varchar
occurences	int

(business_id, event_type) is the primary key of this table.

Each row in the table logs the info that an event of some type occurred at some business for

The **average activity** for a particular event_type is the average occurences across all companies that have this event.

An **active business** is a business that has **more than one** event_type such that their occurences is **strictly greater** than the average activity for that event.

Write an SQL query to find all **active businesses**.

Return the result table in **any order**.

The query result format is in the following example.

Example 1:**

Input:

Events table:

business_id	event_type	occurences
1	reviews	7
3	reviews	3
1	ads	11
2	ads	7
3	ads	6
1	page views	3
2	page views	12

Output:

business_id
1

+-----+

Explanation:

The average activity for each event can be calculated as follows:

- $\text{reviews} : (7+3)/2 = 5$
- $\text{ads} : (11+7+6)/3 = 8$
- $\text{page views} : (3+12)/2 = 7.5$

The business with id=1 has 7 reviews events (more than 5) and 11 ads events