# Problem 2985: Calculate Compressed Mean

## Problem Information

**Difficulty:** Easy
**Acceptance Rate:** 86.76%
**Paid Only:** Yes
**Tags:** Database

## Problem Description

Table: `Orders`

+------------------+------+ | Column Name | Type | +------------------+------+ | order_id | int | | item_count | int | | order_occurrences | int | +------------------+------+ order_id is column of unique values for this table. This table contains order_id, item_count, and order_occurrences.

Write a solution to calculate the **average** number of items per order, rounded to `2` **decimal places**.

Return _the result table_ _in**any** order_ _._

The result format is in the following example.

**Example 1:**

**Input:** Orders table: +----------+------------+-------------------+ | order_id | item_count | order_occurrences | +----------+------------+-------------------+ | 10 | 1 | 500 | | 11 | 2 | 1000 | | 12 | 3 | 800 | | 13 | 4 | 1000 | +----------+------------+-------------------+ **Output** +------------------------+ | average_items_per_order | +------------------------+ | 2.70 | +------------------------+ **Explanation** The calculation is as follows: - Total items: (1 * 500) + (2 * 1000) + (3 * 800) + (4 * 1000) = 8900 - Total orders: 500 + 1000 + 800 + 1000 = 3300 - Therefore, the average items per order is 8900 / 3300 = 2.70

## 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
```