1468. Calculate Salaries

Medium 3 0 Add to List Share

SQL Schema ›

```
+---------------+---------+
| company_id    | int     |
| employee_id   | int     |
| employee_name | varchar |
| salary        | int     |
+---------------+---------+
(company_id, employee_id) is the primary key for this
table.
This table contains the company id, the id, the name and
the salary for an employee.
```

Write an SQL query to find the salaries of the employees after applying taxes.

The tax rate is calculated for each company based on the following criteria:

- 0% If the max salary of any employee in the company is less than 1000$.
- 24% If the max salary of any employee in the company is in the range [1000, 10000] inclusive.
- 49% If the max salary of any employee in the company is greater than 10000$.

Return the result table **in any order**. Round the salary to the nearest integer.

The query result format is in the following example:

```
Salaries table:
+------------+-------------+---------------+--------+
| company_id | employee_id | employee_name | salary |
+------------+-------------+---------------+--------+
| 1          | 1           | Tony          | 2000   |
| 1          | 2           | Pronub        | 21300  |
| 1          | 3           | Tyrrox        | 10800  |
| 2          | 1           | Pam           | 300    |
| 2          | 7           | Bassem        | 450    |
| 2          | 9           | Hermione      | 700    |
| 3          | 7           | Bocaben       | 100    |
| 3          | 2           | Ognjen        | 2200   |
| 3          | 13          | Nyancat       | 3300   |
| 3          | 15          | Morningcat    | 1866   |
+------------+-------------+---------------+--------+

Result table:
+------------+-------------+---------------+--------+
| company_id | employee_id | employee_name | salary |
+------------+-------------+---------------+--------+
| 1          | 1           | Tony          | 1020   |
| 1          | 2           | Pronub        | 10863  |
| 1          | 3           | Tyrrox        | 5508   |
| 2          | 1           | Pam           | 300    |
| 2          | 7           | Bassem        | 450    |
| 2          | 9           | Hermione      | 700    |
| 3          | 7           | Bocaben       | 76     |
| 3          | 2           | Ognjen        | 1672   |
| 3          | 13          | Nyancat       | 2508   |
| 3          | 15          | Morningcat    | 5911   |
+------------+-------------+---------------+--------+
For company 1, Max salary is 21300. Employees in company
1 have taxes = 49%
For company 2, Max salary is 700. Employees in company 2
have taxes = 0%
For company 3, Max salary is 7777. Employees in company
3 have taxes = 24%
The salary after taxes = salary - (taxes percentage /
100) * salary
For example, Salary for Morningcat (3, 15) after taxes
= 7777 - 7777 * (24 / 100) = 7777 - 1866.48 = 5910.52,
which is rounded to 5911.
```

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Seen this question in a real interview before?

Yes No