

569. Median Employee Salary

Hard👍 180👤 98💖 Add to List🔗 Share

SQL Schema >

Table: `Employee`

Column Name	Type
id	int
company	varchar
salary	int

id is the primary key column for this table.
Each row of this table indicates the company and the salary of one employee.

Write an SQL query to find the median salary of each company.

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

The query result format is in the following example.

Example 1:

Input:
Employee table:

id	company	salary
1	A	2341
2	A	341
3	A	15
4	A	15334
5	A	451
6	A	513
7	B	15
8	B	13
9	B	1154
10	B	1345
11	B	1221
12	B	234
13	C	2345
14	C	2645
15	C	2645
16	C	2652
17	C	65

Output:

id	company	salary
5	A	451
6	A	513
12	B	234
9	B	1154
14	C	2645

Follow up: Could you solve it without using any built-in or window functions?

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Companies 🍌 1

0 ~ 6 months6 months ~ 1 year1 year ~ 2 years

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Hide Hint 1

Still remember how to select the sum which group by one column?

Hide Hint 2

Try to think about how to get the median from a sorted list.

Hide Hint 3

How to get the median one item for odd number list while how to get the median two items for even number list, try to unify them.