

Problem List

DescriptionEditorialSolutionsSubmissions

2668. Find Latest Salaries

Solved

EasyTopics

SQL SchemaPandas Schema

Table: Salary

Column Name	Type
emp_id	int
firstname	varchar
lastname	varchar
salary	varchar
department_id	varchar

(emp_id, salary) is the primary key (combination of columns with unique values) for this table. Each row contains employees details and their yearly salaries, however, some of the records are old and contain outdated salary information.

Write a solution to find the current salary of each employee assuming that salaries increase each year. Output their emp_id, firstname, lastname, salary, and department_id.

Return the result table ordered by emp_id in ascending order.

The result format is in the following example.

Example 1:

Input:

Salary table:

emp_id	firstname	lastname	salary	department_id
1	Todd	Wilson	110000	D1006
1	Todd	Wilson	106119	D1006
2	Justin	Simon	128922	D1005
2	Justin	Simon	130000	D1005
3	Kelly	Rosario	42689	D1002
4	Patricia	Powell	162825	D1004
4	Patricia	Powell	170000	D1004
5	Sherry	Golden	44101	D1002
6	Natasha	Swanson	79632	D1005
6	Natasha	Swanson	90000	D1005

Output:

emp_id	firstname	lastname	salary	department_id
1	Todd	Wilson	110000	D1006
2	Justin	Simon	130000	D1005
3	Kelly	Rosario	42689	D1002
4	Patricia	Powell	170000	D1004
5	Sherry	Golden	44101	D1002
6	Natasha	Swanson	90000	D1005

Explanation:

- emp_id 1 has two records with a salary of 110000, 106119 out of these 110000 is an updated salary (Assuming salary is increasing each year)
- emp_id 2 has two records with a salary of 128922, 130000 out of these 130000 is an updated salary.
- emp_id 3 has only one salary record so that is already an updated salary.
- emp_id 4 has two records with a salary of 162825, 170000 out of these 170000 is an updated salary.
- emp_id 5 has only one salary record so that is already an updated salary.
- emp_id 6 has two records with a salary of 79632, 90000 out of these 90000 is an updated salary.

Seen this question in a real interview before? 1/5

YesNo

Accepted 3KSubmissions 4.3KAcceptance Rate 70.2%

Topics

Discussion (1)

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Code

MySQLAuto

```
1 # Write your MySQL query statement below
2
3 SELECT emp_id, firstname, lastname, MAX(salary) AS salary, department_id
4 FROM
5 Salary
6 GROUP BY emp_id
7 ORDER BY emp_id
8
```

Saved

Ln 5, Col 7

TestcaseTest Result

AcceptedRuntime: 100 ms

Case 1

Input

Salary =

emp_id	firstname	lastname	salary	department_id
1	Todd	Wilson	110000	D1006
1	Todd	Wilson	106119	D1006
2	Justin	Simon	128922	D1005
2	Justin	Simon	130000	D1005
3	Kelly	Rosario	42689	D1002
4	Patricia	Powell	162825	D1004

View more

Output