Problem 176: Second Highest Salary

Problem Information

Difficulty: Medium
Acceptance Rate: 0.00%
Paid Only: No

Problem Description

Table:

Employee

+-------------+------+ | Column Name | Type | +-------------+------+ | id | int | | salary | int | +-------------+------+ id is the primary key (column with unique values) for this table. Each row of this table contains information about the salary of an employee.

Write a solution to find the second highest

distinct

salary from the

Employee

table. If there is no second highest salary, return

null (return None in Pandas)

.

The result format is in the following example.

Example 1:

Input:

Employee table: +----+--------+ | id | salary | +----+--------+ | 1 | 100 | | 2 | 200 | | 3 | 300 | +----+--------+

Output:

+---------------------+ | SecondHighestSalary | +--------------------+ | 200 | +--------------------+

Example 2:

Input:

Employee table: +----+--------+ | id | salary | +----+--------+ | 1 | 100 | +----+--------+

Output:

+---------------------+ | SecondHighestSalary | +--------------------+ | null | +--------------------+

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
```

Oracle:

```
/* Write your PL/SQL query statement below */
```

Pandas:

```
import pandas as pd

def second_highest_salary(employee: pd.DataFrame) -> pd.DataFrame:
```

Solutions

MySQL Solution:

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