

177. Nth Highest Salary

Description

Hints

Submissions

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Solution

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📝 Notes

Write a SQL query to get the n^{th} highest salary from the `Employee` table.

```
+-----+-----+
| Id | Salary |
+-----+-----+
| 1  | 100    |
| 2  | 200    |
| 3  | 300    |
+-----+-----+
```

For example, given the above `Employee` table, the n^{th} highest salary where $n = 2$ is `200` . If there is no n^{th} highest salary, then the query should return `null` .

```
+-----+-----+
| getNthHighestSalary(2) |
+-----+-----+
| 200                    |
+-----+-----+
```

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MySQL ▼



eclipse ▼

```
1 CREATE FUNCTION getNthHighestSalary(N INT) RETURNS INT
2 BEGIN
3
4     SET N = N - 1;
5
6     RETURN (
7         SELECT DISTINCT Salary FROM Employee
8         GROUP BY Salary
9         ORDER BY Salary DESC LIMIT 1 OFFSET N
10    );
11
12 END
```

☐ Custom Testcase ([Contribute](#) ⓘ)



▶ Run Code

📤 Submit Solution

Submission Result: **Accepted** (/submissions/detail/110577210/) ⓘ

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◀ 1

2 ▶

Run Code Status: Finished

Notes

Run Code Result:

Your input

```
{"headers": {"Employee": ["Id", "Salary"]}, "argument": 2, "rows": {"Employee": [[1, 100], [2, 200], [3, 300]]}}
```

Your answer

```
{"headers": ["getNthHighestSalary(2)"], "values": [[200]]}
```

Expected answer

```
{"headers": ["getNthHighestSalary(2)"], "values": [[200]]}
```

Show Diff

Runtime: 150 ms

Note: is Run Code inconsistent with Submit Solution? If you are using global variables or C/C++, check this (/faq/#different-output) out.

Difficulty:

Medium

Total Accepted:

21.9K

Total Submissions:

129.4K

Contributor:

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