

185. Department Top Three Salaries

Description

Table: `Employee`

Column Name	Type
id	int
name	varchar
salary	int
departmentId	int

id is the primary key (column with unique values) for this table.
departmentId is a foreign key (reference column) of the ID from the `Department` table.
Each row of this table indicates the ID, name, and salary of an employee. It also contains the ID of their department.

Table: `Department`

Column Name	Type
id	int
name	varchar

id is the primary key (column with unique values) for this table.
Each row of this table indicates the ID of a department and its name.

A company's executives are interested in seeing who earns the most money in each of the company's departments. A **high earner** in a department is an employee who has a salary in the **top three unique** salaries for that department.

Write a solution to find the employees who are **high earners** in each of the departments.

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

The result format is in the following example.

Example 1:

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Input:
Employee table:
+-----+-----+
| id | name | salary | departmentId |
+-----+-----+
| 1 | Joe | 85000 | 1 |
| 2 | Henry | 80000 | 2 |
| 3 | Sam | 60000 | 2 |
| 4 | Max | 90000 | 1 |
| 5 | Janet | 69000 | 1 |
| 6 | Randy | 85000 | 1 |
| 7 | Will | 70000 | 1 |
+-----+-----+

Department table:
+-----+-----+
| id | name |
+-----+-----+
| 1 | IT |
| 2 | Sales |
+-----+-----+

Output:
+-----+-----+-----+
| Department | Employee | Salary |
+-----+-----+-----+
| IT | Max | 90000 |
| IT | Joe | 85000 |
| IT | Randy | 85000 |
| IT | Will | 70000 |
| Sales | Henry | 80000 |
| Sales | Sam | 60000 |
+-----+-----+-----+

Explanation:
In the IT department:
- Max earns the highest unique salary
- Both Randy and Joe earn the second-highest unique salary
- Will earns the third-highest unique salary

In the Sales department:
- Henry earns the highest salary
- Sam earns the second-highest salary
- There is no third-highest salary as there are only two employees

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