

184. Department Highest Salary

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 columns) 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. It is guaranteed that department name is not NULL.
- Each row of this table indicates the ID of a department and its name.

Write a solution to find employees who have the highest salary in each of the departments.

Return the result table in any order.

The result format is in the following example.

Example 1:

Input:

Employee table:

id	name	salary	departmentId
1	Joe	70000	1
2	Jim	90000	1
3	Henry	80000	2
4	Sam	60000	2
5	Max	90000	1

Department table:

id	name
1	IT
2	Sales

Output:

Department	Employee	Salary
IT	Jim	90000
Sales	Henry	80000
IT	Max	90000

Explanation: Max and Jim both have the highest salary in the IT department and Henry has the highest salary in the Sales department.