Problem 2988: Manager of the Largest Department

Problem Information

Difficulty: Medium
Acceptance Rate: 80.37%
Paid Only: Yes
Tags: Database

Problem Description

Table: `Employees`

+-------------+---------+ | Column Name | Type | +-------------+---------+ | emp_id | int | | emp_name | varchar | | dep_id | int | | position | varchar | +-------------+---------+ emp_id is column of unique values for this table. This table contains emp_id, emp_name, dep_id, and position.

Write a solution to find the **name** of the **manager** from the **largest department**. There may be multiple largest departments when the number of employees in those departments is the same.

Return _the result table sorted by_`dep_id` _in**ascending** order_ _._

The result format is in the following example.

Example 1:

Input: Employees table: +--------+----------+--------+---------------+ | emp_id | emp_name | dep_id | position | +--------+----------+--------+---------------+ | 156 | Michael | 107 | Manager | | 112 | Lucas | 107 | Consultant | | 8 | Isabella | 101 | Manager | | 160 | Joseph | 100 | Manager | | 80 | Aiden | 100 | Engineer | | 190 | Skylar | 100 | Freelancer | | 196 | Stella | 101 | Coordinator | | 167 | Audrey | 100 | Consultant | | 97 | Nathan | 101 | Supervisor | | 128 | Ian | 101 | Administrator | | 81 | Ethan | 107 | Administrator | +--------+----------+--------+---------------+ **Output** +--------------+--------+ | manager_name | dep_id | +--------------+--------+ | Joseph | 100 | | Isabella | 101 | +--------------+--------+ **Explanation** - Departments with IDs 100 and 101 each has a total of 4 employees, while department 107 has 3 employees. Since both

departments 100 and 101 have an equal number of employees, their respective managers will be included. Output table is ordered by dep_id in ascending order.

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
```