

Employees Per Department:

Problem Description:

A company stores employee and department information in two data tables: Employee and Department. Write a query to print the respective department name and number of employees in each department for all departments in the *Department* table (even for ones with no current employees). Sort the results in descending order by number of employees. If two or more departments have the same number of employees, then sort those departments alphabetically by department name.

Each row in the resulting output must contain the following attributes for a department:

1. The name of the department
2. The number of employees in the department

Schema:

EMPLOYEE		
Name	Type	Description
ID	integer	Primary key for employee table
NAME	String	Name of the employee
SALARY	Integer	Salary of the employee
DEPT_ID	integer	Foreign key to DEPARTMENT table

DEPARTMENT		
Name	Type	Description
ID	integer	Department unique id (primary key)
NAME	String	Name of the department
LOCATION	String	Place where department is located

EMPLOYEE			
<u>ID</u>	<u>NAME</u>	<u>SALARY</u>	<u>DEPT_ID</u>
1	Candice	4685	1
2	Julia	2559	2
3	Bob	4405	4
4	Scarlet	2350	1
5	Ileana	1151	4
DEPARTMENT			
ID	NAME	LOCATION	
1	Executive	Sydney	
2	Production	Sydney	
3	Resources	Cape Town	
4	Technical	Texas	
5	Management	Paris	

Bonus Questions:

- 1) Given the above schema, who are the highest paid employees in each department?
- 2) How much does each department spend on employee salary?