

Question:

You are given two tables:

Employees

EmployeeID	EmployeeName	DepartmentID	Salary
1	John	101	5000
2	Jane	102	7000
3	Emily	101	5500
4	Mark	103	4000
5	Sarah	102	6500

Departments

DepartmentID	DepartmentName	Location
101	HR	New York
102	IT	San Francisco
103	Finance	Chicago

Task:

Write a query to retrieve the department name and the total salary paid to employees in each department, but only include departments where the total salary exceeds 10,000. Sort the results by the total salary in descending order.

**** Query:**

```
WITH CTE AS(
SELECT DepartmentID, SUM(Salary) AS TotalSalary
FROM Employees
GROUP BY DepartmentID
)
SELECT D.DepartmentName, C.TotalSalary
FROM Departments AS D
LEFT JOIN CTE AS C
ON D.DepartmentID = C.DepartmentID
WHERE TotalSalary > 10000
ORDER BY TotalSalary DESC
;
```