Question:

You are given the following tables:

Employees

EmployeeID	EmployeeName	DepartmentID	HireDate	Salary
1	John	101	2021-05-01	6000
2	Jane	102	2020-08-15	8000
3	Emily	101	2019-03-20	7500
4	Mark	103	2022-11-10	5500
5	Sarah	102	2020-10-05	8500

Departments

DepartmentID	DepartmentName	ManagerID
101	HR	1
102	IT	2
103	Finance	4

Task:
Find the **name of the department with the highest total salary** and the **total salary amount**. If there is a tie, return all departments with the same total salary.

** Query:

WITH CTE AS(

SELECT D.DepartmentName, SUM(E.Salary) AS Total_Salary

FROM Departments AS D

LEFT JOIN Employees AS E

GROUP BY D.DepartmentName

)

SELECT DepartmentName, Total_Salary

FROM

(SELECT DepartmentName, Total_Salary,

        RANK() OVER(ORDER BY SUM(E.Salary) DESC) AS TOP_DEPT_SALARIES

FROM CTE) AS TAB

WHERE TOP_DEPT_SALARIES = 1

;