

## SQL Practice - Day-9 - 20250128

Question:

You are given the following tables:

Employees

EmployeeID	EmployeeName	ManagerID	DepartmentID	HireDate	Salary
1	Alice	NULL	10	2020-01-15	90000
2	Bob	1	10	2021-03-10	60000
3	Charlie	1	20	2021-05-20	50000
4	Diana	2	10	2022-07-01	40000
5	Eve	3	20		45000

Departments

DepartmentID	DepartmentName
10	HR
20	IT

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Task:

Write a query to find the department(s) with the highest total salary across all employees.

The output should include:

The DepartmentName

The Total Salary

\*\* QUERY:

```
WITH CTE AS(
SELECT DepartmentID, SUM(Salary) as TotalAmount
FROM EMPLOYEES AS E
GROUP BY DepartmentID
)
SELECT D.DepartmentName, R.TotalAmount
FROM DEPARTMENTS AS D
LEFT JOIN
(
SELECT *,
```

```
Row_Number() OVER (ORDER BY TotalAmount DESC) AS Rn  
FROM CTE)  
AS R  
ON D.DepartmentID = R.DepartmentID  
WHERE Rn=1  
;
```