

Experiment - 2

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Subject Name: ADBMS

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Problem Statement (Medium)

Organizational Hierarchy Explorer.

You are a Database Engineer at TalentTree Inc., an enterprise HR analytics platform that stores employee data, including their reporting relationships. The company maintains a centralized Employee relation that holds:

Each employee's ID, name, department, and manager ID (who is also an employee in the same table).

Your task is to generate a report that maps employees to their respective managers, showing:

- The employee's name and department,
- Their manager's name and department (if applicable).

This will help the HR department visualize the internal reporting hierarchy.

Code

(Attached as Exp 2 (Medium).sql)

Output

| Name | Department | Name | Department |
|---------------|-----------------|---------------|-----------------|
| John Smith | Executive | NULL | NULL |
| Jane Doe | Human Resources | John Smith | Executive |
| Peter Jones | Engineering | John Smith | Executive |
| Mary Williams | Sales | John Smith | Executive |
| Mark Johnson | Engineering | Peter Jones | Engineering |
| Laura Brown | Human Resources | Jane Doe | Human Resources |
| Chris Miller | Sales | Mary Williams | Sales |
| Sarah Davis | Engineering | Peter Jones | Engineering |