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A. Creating a Database View

Create a **VIEW** named EmployeeDetails that joins the Employee, Department, and Project tables. The view should display the following columns:

- emp_id (from Employee)
- employee name (from Employee, renamed to be distinct)
- salary
- dept name (from Department)
- project_name (from Project)

CREATE VIEW EmployeeDetails AS SELECT

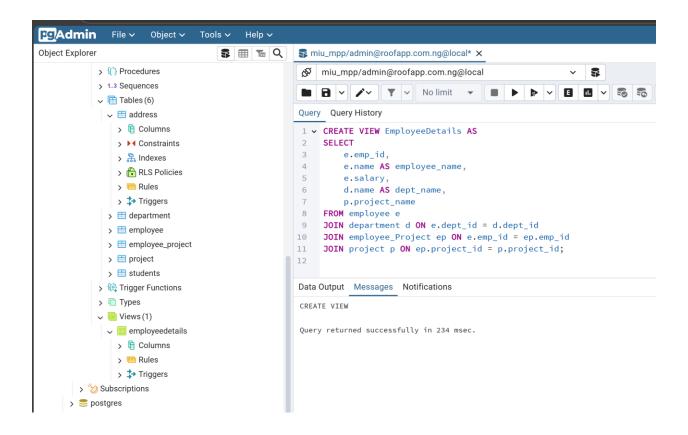
```
e.emp_id,
e.name AS employee_name,
e.salary,
d.name AS dept_name,
p.project_name

FROM employee e

JOIN department d ON e.dept_id = d.dept_id

JOIN employee_Project ep ON e.emp_id = ep.emp_id

JOIN project p ON ep.project id = p.project id;
```

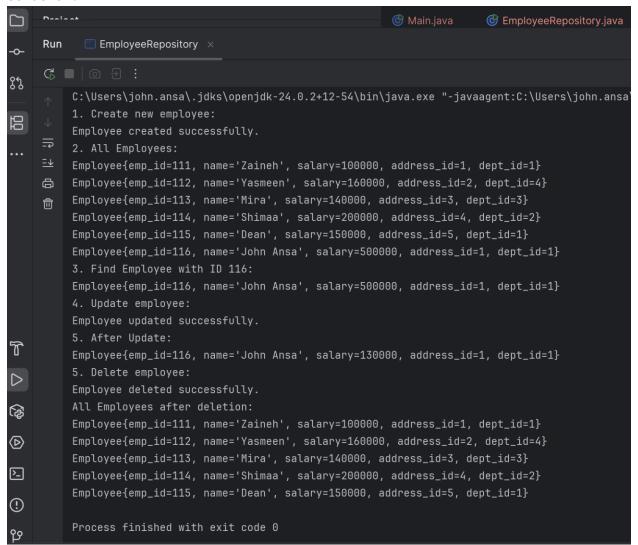


B. Adding an Index

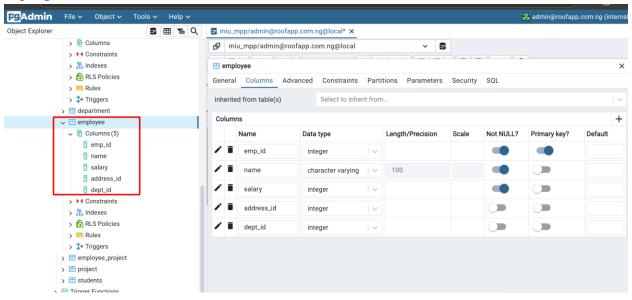
Add an INDEX named idx_employee_name to the name column of the Employee table.

CREATE INDEX idx_employee_name **ON** Employee (name);

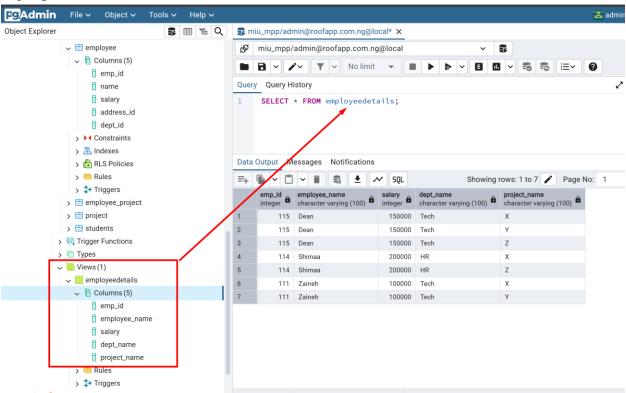
Solution:



Employee Table:



EmployeeDetails View:



idx_employee_name

