**ELEVATE LAB “SQL DEVELOPER TASK – 2”**

**EMPLOYEE MANAGEMENT SYSTEM DATABASE**

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**CREATING EMPLOYEES TABLE:**

**CODE:**

CREATE TABLE Employees (

employee\_id INTEGER PRIMARY KEY AUTOINCREMENT,

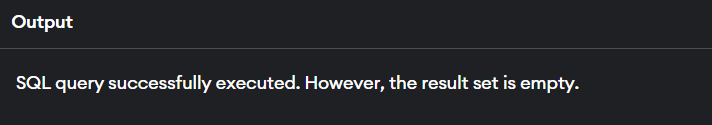
name TEXT NOT NULL,

department TEXT,

salary REAL,

experience INTEGER

);



**INSERTING VALUES INTO TABLE:**

INSERT INTO Employees (name, department, salary, experience) VALUES

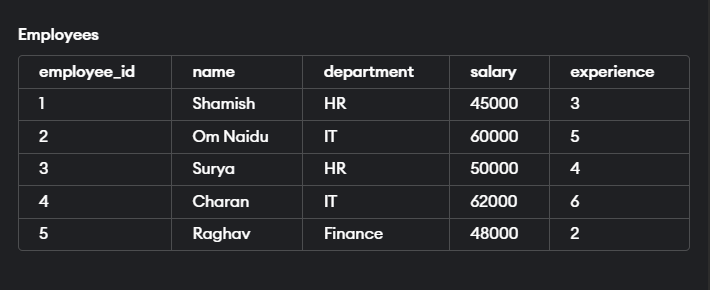
('Shamish', 'HR', 45000, 3),

('Om Naidu', 'IT', 60000, 5),

('Surya', 'HR', 50000, 4),

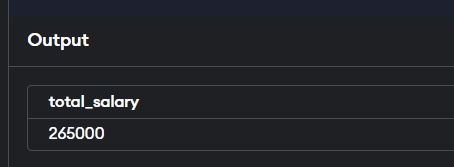
('Charan', 'IT', 62000, 6),

('Raghav', 'Finance', 48000, 2);



SUM (TOTAL AMOUNT PAID TO EMPLOYEE AS SALARY):

SELECT SUM(salary) AS total\_salary FROM Employees;



COUNT+ GROUP\_BY (NUMBER OF EMPLOYEES IN EACH DEPARTMENT):

SELECT department, COUNT(\*) AS employee\_count

FROM Employees

GROUP BY department;

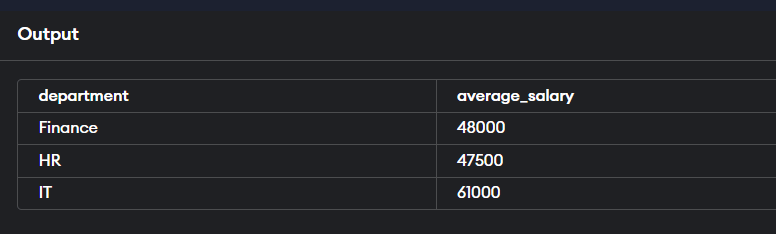


AVG+ GROUP\_BY (AVERAGE OF SALARY IN EACH DEPARTMENT):

SELECT department, AVG(salary) AS average\_salary

FROM Employees

GROUP BY department;

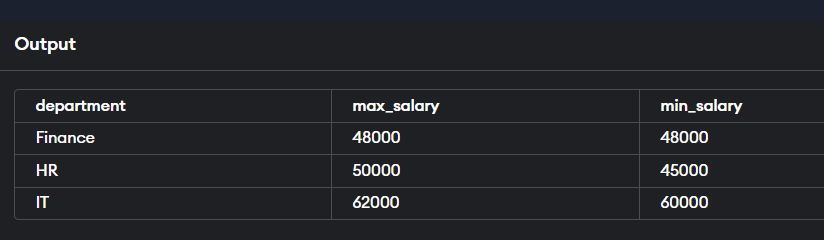


MIN, MAX (MINIMUM AND MAXIMUM SALARY IN EACH DEPARTMENT):

SELECT department, MAX(salary) AS max\_salary, MIN(salary) AS min\_salary

FROM Employees

GROUP BY department;

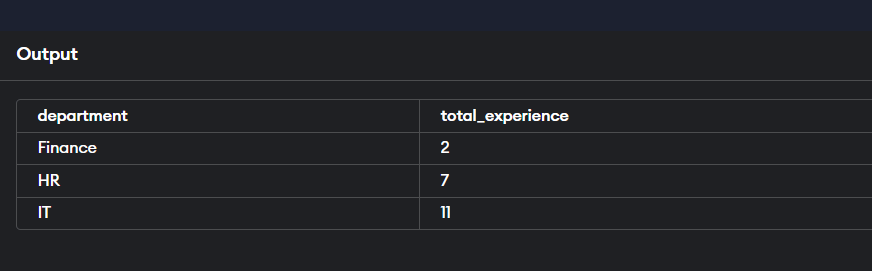


SUM (TOTAL EXPERIENCE OF EMPLOYEE IN EACH DEPARTMENT):

SELECT department, SUM(experience) AS total\_experience

FROM Employees

GROUP BY department;



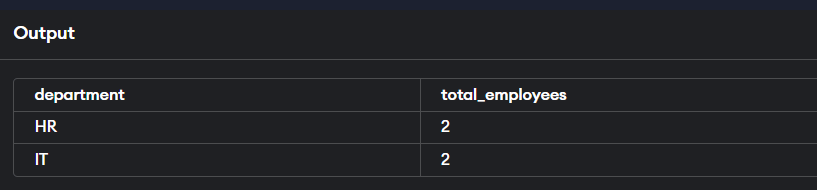
GROUP\_BY+ HAVING (EMPLOYEE MORE THAN ONE YEAR OF EXPERIENCE):

SELECT department, COUNT(\*) AS total\_employees

FROM Employees

GROUP BY department

HAVING COUNT(\*) > 1;



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NAME : Bodavula. Saivenkat

Email: [saivenkat.bodavula@gmail.com](mailto:saivenkat.bodavula@gmail.com)

Github: <https://github.com/saivenkat182004/ELEVATE-LABS-TASK-4>