**Assignment 1**

CREATEING THE TABLE:

CREATE TABLE employees (emp\_id INT PRIMARY KEY, name VARCHAR(30), department VARCHAR(30), salary INT, joining\_date DATE, city VARCHAR(30));

INSERTING THE DATA:

INSERT INTO employees (emp\_id, name, department, salary, joining\_date, city) VALUES

(1, 'Alice Smith', 'HR', 45000, '2020-02-15', 'New York'),

(2, 'Bob Johnson', 'IT', 60000, '2019-08-23', 'Chicago'),

(3, 'Carol White', 'IT', 75000, '2021-01-10', 'New York'),

(4, 'David Brown', 'Finance', 50000, '2020-06-01', 'San Diego'),

(5, 'Eva Adams', 'HR', 47000, '2018-04-12', 'Chicago'),

(6, 'Frank Lee', 'Finance', 65000, '2021-11-05', 'New York'),

(7, 'Grace Kim', 'IT', 80000, '2017-09-18', 'San Diego'),

(8, 'Henry Clark', 'Marketing', 55000, '2019-12-29', 'Chicago'),

(9, 'Irene Scott', 'Marketing', 53000, '2021-03-22', 'New York'),

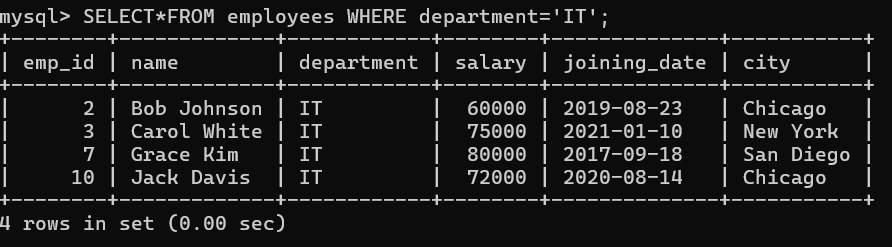
(10, 'Jack Davis', 'IT', 72000, '2020-08-14', 'Chicago');

QUERIES:

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1. Show all employees who work in the IT department.



2. Find employees whose salary is greater than 60,000.

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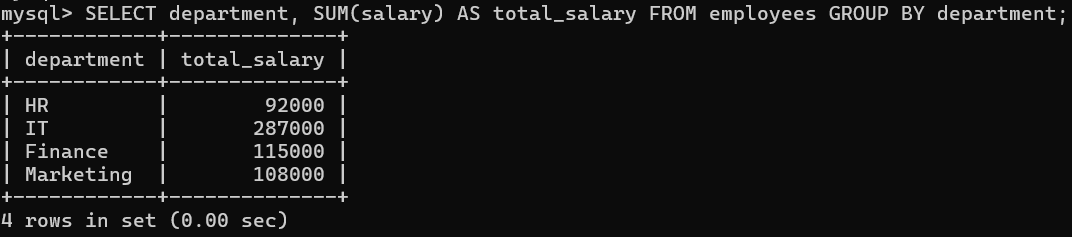
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3. Get all employees who joined after 1st Jan 2020.

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4. Find the total salary paid to employees in each department.



5. Show the highest paid employee in the Finance department.

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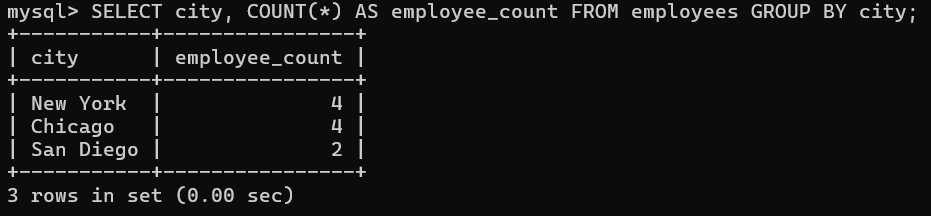
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6. List employees who are from Chicago and earn more than 55,000.

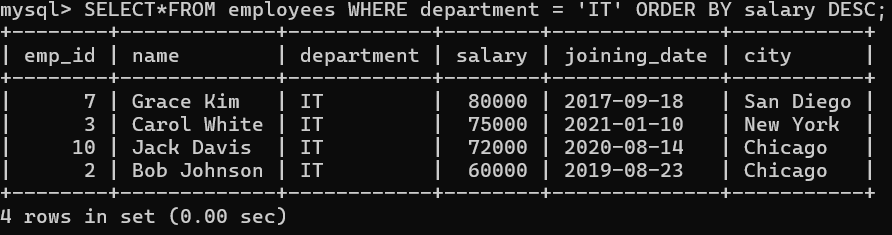
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7. Find the number of employees in each city.



8. Show employees in the IT department ordered by salary in descending order



9. Display the average salary of all employees.

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10. Get the details of the top 3 highest paid employees

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