Problem 5: Employee Performance Tracker
Schema:
● Employee(emp_id INT, name VARCHAR(50), designation VARCHAR(30), salary INT)
● Performance(emp_id INT, month VARCHAR(15), rating INT)
Questions:
1. Create schema and insert sample data.
2. Find employees with average rating > 4.
3. Display highest rated employee each month.
4. List employees who never received a rating using NOT IN.
5. Display total salary to be paid for ‘Manager’ designation employees.

```
CREATE TABLE Employee (
    emp_id INT PRIMARY KEY,
    name VARCHAR(50),
    designation VARCHAR(30),
    salary INT
);

CREATE TABLE Performance (
    emp_id INT,
    month VARCHAR(15),
    rating INT,
    FOREIGN KEY (emp_id) REFERENCES Employee(emp_id)
);

INSERT INTO Employee VALUES
(1, 'Amit', 'Manager', 80000),
(2, 'Sneha', 'Developer', 60000),
(3, 'Ravi', 'Manager', 85000),
(4, 'Kiran', 'Analyst', 50000),
(5, 'Meena', 'Developer', 62000);

INSERT INTO Performance VALUES
(1, 'January', 5),
(2, 'January', 4),
(3, 'January', 3),
(1, 'February', 5),
(2, 'February', 5),
(4, 'February', 2);

-- Query 1: Employees with Average Rating > 4
SELECT e.emp_id, e.name, AVG(p.rating) AS avg_rating
FROM Employee e
JOIN Performance p ON e.emp_id = p.emp_id
GROUP BY e.emp_id, e.name
HAVING AVG(p.rating) > 4;
```

```sql
-- Query 2: Highest Rated Employee Each Month
SELECT p.month, e.name, p.rating
FROM Performance p
JOIN Employee e ON e.emp_id = p.emp_id
WHERE (p.month, p.rating) IN (
    SELECT month, MAX(rating)
    FROM Performance
    GROUP BY month
);

-- Query 3: Employees Who Never Received a Rating
SELECT name
FROM Employee
WHERE emp_id NOT IN (SELECT emp_id FROM Performance);

-- Query 4: Total Salary of ‘Manager’ Employees
SELECT SUM(salary) AS total_manager_salary
FROM Employee
WHERE designation = 'Manager';
```