CREATE TABLE Employee (

Emp\_id INT PRIMARY KEY,

Emp\_name VARCHAR(50),

Dept VARCHAR(50),

Salary DECIMAL(10, 2)

);

INSERT INTO Employee (Emp\_id, Emp\_name, Dept, Salary) VALUES (1, 'David Smith', 'HR', 5000.00);

INSERT INTO Employee (Emp\_id, Emp\_name, Dept, Salary) VALUES (2, 'Olivia Brown', 'Marketing', 6200.00);

INSERT INTO Employee (Emp\_id, Emp\_name, Dept, Salary) VALUES (3, 'Charles Johnson', 'Production', 7100.00);

INSERT INTO Employee (Emp\_id, Emp\_name, Dept, Salary) VALUES (4, 'Alice Davis', 'Sales', 4800.00);

INSERT INTO Employee (Emp\_id, Emp\_name, Dept, Salary) VALUES (5, 'Daniel Wilson', 'HR', 5500.00);

INSERT INTO Employee (Emp\_id, Emp\_name, Dept, Salary) VALUES (6, 'Oscar Martinez', 'Marketing', 6600.00);

INSERT INTO Employee (Emp\_id, Emp\_name, Dept, Salary) VALUES (7, 'Catherine Lee', 'Production', 7200.00);

INSERT INTO Employee (Emp\_id, Emp\_name, Dept, Salary) VALUES (8, 'Andrew White', 'Sales', 4900.00);

SELECT \* FROM Employee

WHERE Salary > 7000;

UPDATE Employee

SET Salary = 8200.00

WHERE Emp\_name = 'David Smith';

INSERT INTO Employee (Emp\_id, Emp\_name, Dept, Salary)

VALUES (6, 'Daniel Harris', 'Production', 6700.00);

DELETE FROM Employee

WHERE Emp\_id = 3;

 **Select employees whose names do not start with 'D' or 'O':**

sql

Copy code

SELECT \* FROM Employee

WHERE Emp\_name NOT LIKE 'D%' AND Emp\_name NOT LIKE 'O%';

 **Calculate the total salary expense for each department:**

sql

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SELECT Dept, SUM(Salary) AS Total\_Salary

FROM Employee

GROUP BY Dept;

 **Update the salary of employees in the 'Production' department by adding 5% to their current salaries:**

sql

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UPDATE Employee

SET Salary = Salary \* 1.05

WHERE Dept = 'Production';

 **Delete all employees with salaries below 7000:**

sql

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DELETE FROM Employee

WHERE Salary < 7000;

 **Find the employee with the lowest salary and display their name and salary:**

sql

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SELECT Emp\_name, Salary

FROM Employee

ORDER BY Salary ASC

LIMIT 1;

 **Update the salary of employees in the 'Marketing' department to 8200.00:**

sql

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UPDATE Employee

SET Salary = 8200.00

WHERE Dept = 'Marketing';

 **Find the names of all employees starting with the alphabet 'A':**

sql

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SELECT Emp\_name

FROM Employee

WHERE Emp\_name LIKE 'A%';

 **List the names of all employees whose name contains the substring 'it':**

sql

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SELECT Emp\_name

FROM Employee

WHERE Emp\_name LIKE '%it%';

 **List all departments in Upper Case Format:**

sql

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SELECT DISTINCT UPPER(Dept) AS Dept

FROM Employee;

 **List the employee details whose department starts with 'M', with the 3rd letter as 'r', and containing the substring 'ket':**

sql

Copy code

SELECT \*

FROM Employee

WHERE Dept LIKE 'M\_r%ket%';

 **List all departments in reverse in uppercase format (avoid duplicates):**

sql

Copy code

SELECT DISTINCT UPPER(REVERSE(Dept)) AS Reversed\_Dept

FROM Employee;