

```
CREATE TABLE employees (  
    id INT PRIMARY KEY,  
    name VARCHAR(100),  
    job_title VARCHAR(100),  
    department VARCHAR(100),  
    salary DECIMAL(10, 2)  
);
```

```
INSERT INTO employees (id, name, job_title, department, salary)  
VALUES  
  
(1, 'Rahul Sharma', 'Software Engineer', 'IT', 60000),  
(2, 'Priya Verma', 'Software Engineer', 'IT', 65000),  
(3, 'Amit Patel', 'Project Manager', 'IT', 75000),  
(4, 'Sunita Singh', 'HR Manager', 'HR', 55000),  
(5, 'Neha Gupta', 'Software Engineer', 'IT', 62000),  
(6, 'Ravi Kumar', 'Project Manager', 'IT', 77000),  
(7, 'Meera Nair', 'HR Manager', 'HR', 57000),  
(8, 'Arjun Reddy', 'Sales Executive', 'Sales', 50000),  
(9, 'Sneha Iyer', 'Sales Executive', 'Sales', 51000),  
(10, 'Anjali Desai', 'HR Specialist', 'HR', 52000);
```

```
SELECT job_title, COUNT(*)  
FROM employees  
GROUP BY job_title;
```

```
SELECT job_title, COUNT(*)  
FROM employees  
GROUP BY job_title  
HAVING COUNT(*) > 1;
```

```
SELECT * FROM employees  
LIMIT 5;
```

```
SELECT job_title, COUNT(*)  
FROM employees  
GROUP BY job_title  
HAVING COUNT(*) > 1  
LIMIT 2;
```

SELECT salary, salary * 0.1 AS 'Bonus'

FROM employees;

SELECT name AS 'First Name', job_title AS 'Designation'

FROM employees;

SELECT CONCAT(name, ' is a ', job_title) AS 'Emp_Designation'

FROM employees;

-- Group by job title with table alias

SELECT e.job_title, COUNT(*)

FROM employees AS e

GROUP BY e.job_title;

-- Filter groups having more than 1 employee with table alias

SELECT e.job_title, COUNT(*)

FROM employees AS e

GROUP BY e.job_title

HAVING COUNT(*) > 1;

-- Limit the number of records with table alias

```
SELECT *  
  
FROM employees AS e  
  
LIMIT 5;
```

-- Combine GROUP BY, HAVING, and LIMIT with table alias

```
SELECT e.job_title, COUNT(*)  
  
FROM employees AS e  
  
GROUP BY e.job_title  
  
HAVING COUNT(*) > 1  
  
LIMIT 2;
```