

## 8. Write SQL Query which uses following Commands on Employee table

### -- Create Employee table

```
CREATE TABLE Employee (  
    employee_id INT PRIMARY KEY,  
    name VARCHAR(100),  
    department VARCHAR(50),  
    salary DECIMAL(10, 2)  
);
```

### -- Insert data into Employee table

```
INSERT INTO Employee VALUES (1, 'John Doe', 'HR', 50000.00);  
INSERT INTO Employee VALUES (2, 'Alice Smith', 'Finance', 60000.00);  
INSERT INTO Employee VALUES (3, 'Bob Johnson', 'IT', 70000.00);  
INSERT INTO Employee VALUES (4, 'Emma Lee', 'HR', 55000.00);  
INSERT INTO Employee VALUES (5, 'Mike Brown', 'IT', 62000.00);
```

### -- Group by command example

```
SELECT department, COUNT(*) AS num_employees FROM Employee GROUP BY department;
```

### -- Having command example

```
SELECT department, AVG(salary) AS avg_salary FROM Employee GROUP BY department  
HAVING AVG(salary) > 60000.00;
```

### -- Order by command example

```
SELECT * FROM Employee ORDER BY salary DESC;
```

### -- Between command example

```
SELECT * FROM Employee WHERE salary BETWEEN 55000.00 AND 70000.00;
```