

1

```
CREATE TABLE Employee (  
    EmployeeID INT PRIMARY KEY,  
    Name VARCHAR(100),  
    Salary DECIMAL(10, 2)  
);  
  
INSERT INTO Employee (EmployeeID, Name, Salary) VALUES  
(1, 'Alice', 6000),  
(2, 'Bob', 7000),  
(3, 'Charlie', 2000),  
(4, 'David', 8000),  
(5, 'Mini', 3000);  
  
SELECT Name, Salary  
FROM Employee  
ORDER BY Salary ASC;
```

2

```
CREATE TABLE Employee (  
    EmployeeID INT PRIMARY KEY,  
    Name VARCHAR(100),  
    Department VARCHAR(50),  
    Salary DECIMAL(10, 2)  
);  
  
-- Insert sample data  
INSERT INTO Employee (EmployeeID, Name, Department, Salary) VALUES  
(1, 'Alice', 'CSE', 6000),  
(2, 'Bob', 'IT', 7000),  
(3, 'Charlie', 'HR', 2000),  
(4, 'David', 'IT', 8000),  
(5, 'Mini', 'HR', 3000);  
  
SELECT SUM(Salary) AS TotalSalaryPaid  
FROM Employee;
```

3

```
CREATE TABLE Employee (  
    EmployeeID INT PRIMARY KEY,  
    Name VARCHAR(100),  
    Department VARCHAR(50),  
    Salary DECIMAL(10, 2)  
);  
  
-- Insert the provided data  
INSERT INTO Employee (EmployeeID, Name, Department, Salary) VALUES  
(1, 'Nitha', 'CSE', 6000),  
(2, 'Deepa', 'IT', 4000),  
(3, 'Unni', 'HR', 2000),  
(4, 'David', 'IT', 8000),  
(5, 'Mini', 'HR', 3000);  
  
SELECT AVG(Salary) AS AverageSalary  
FROM Employee;
```

4

```
CREATE TABLE Employee (  
    EmployeeID INT PRIMARY KEY,  
    Name VARCHAR(100),  
    Department VARCHAR(50),  
    Salary DECIMAL(10, 2)  
);  
  
-- Insert employee data  
INSERT INTO Employee (EmployeeID, Name, Department, Salary) VALUES  
(1, 'Nitha', 'CSE', 6000),  
(2, 'Deepa', 'IT', 4000),  
(3, 'Unni', 'HR', 2000),  
(4, 'David', 'IT', 8000),  
(5, 'Mini', 'HR', 3000);  
  
SELECT Department, COUNT(*) AS NumberOfEmployees  
FROM Employee  
GROUP BY Department;
```

5

```
CREATE TABLE Employee (  
    EmployeeID INT PRIMARY KEY,  
    Name VARCHAR(100),  
    Department VARCHAR(50),  
    Salary DECIMAL(10, 2)  
);  
  
INSERT INTO Employee (EmployeeID, Name, Department, Salary) VALUES  
(1, 'Nitha', 'CSE', 6000),  
(2, 'Deepa', 'IT', 4000),  
(3, 'Unni', 'HR', 2000),  
(4, 'David', 'IT', 8000),  
(5, 'Mini', 'HR', 3000);  
  
SELECT Department, COUNT(*) AS NumberOfEmployees  
FROM Employee  
GROUP BY Department;
```

6

```
CREATE TABLE Employee (  
    EmployeeID INT PRIMARY KEY,  
    Name VARCHAR(100),  
    Department VARCHAR(50),  
    Salary DECIMAL(10, 2)  
);  
  
INSERT INTO Employee (EmployeeID, Name, Department, Salary) VALUES  
(1, 'Nitha', 'CSE', 6000),  
(2, 'Deepa', 'IT', 4000),  
(3, 'Unni', 'HR', 2000),  
(4, 'David', 'IT', 8000),  
(5, 'Mini', 'HR', 3000);  
  
SELECT Department, MAX(Salary) AS HighestSalary  
FROM Employee  
GROUP BY Department;
```

7

```
CREATE TABLE Employee (  
    EmployeeID INT PRIMARY KEY,  
    Name VARCHAR(100),  
    Salary DECIMAL(10, 2)  
);  
  
INSERT INTO Employee (EmployeeID, Name, Salary) VALUES  
(1, 'Alice', 6000),  
(2, 'Bob', 7000),  
(3, 'Charlie', 2000),  
(4, 'David', 8000),  
(5, 'Mini', 3000);  
  
SELECT Name, Salary  
FROM Employee  
ORDER BY Salary DESC;
```

8

```
CREATE TABLE Employee (  
    EmployeeID INT PRIMARY KEY,  
    Name VARCHAR(100),  
    Department VARCHAR(50),  
    Salary DECIMAL(10, 2)  
);  
  
-- Insert sample data  
INSERT INTO Employee (EmployeeID, Name, Department, Salary) VALUES  
(1, 'Alice', 'CSE', 6000),  
(2, 'Bob', 'IT', 7000),  
(3, 'Charlie', 'HR', 2000),  
(4, 'David', 'IT', 8000),  
(5, 'Mini', 'HR', 3000);  
  
SELECT  
    MIN(Salary) AS LowestSalary,  
    MAX(Salary) AS HighestSalary  
FROM Employee;
```

9

```
CREATE TABLE Student (  
    RollNo INT PRIMARY KEY,  
    Name VARCHAR(100),  
    Department VARCHAR(50)  
);  
  
INSERT INTO Student (RollNo, Name, Department) VALUES  
(1, 'Manu', 'CSE'),  
(2, 'Ashok', 'IT'),  
(3, 'Anu', 'CE');  
  
ALTER TABLE Student  
DROP COLUMN Department;
```

10

```
CREATE TABLE Employee (  
    EmployeeID INT PRIMARY KEY,  
    Name VARCHAR(100),  
    Department VARCHAR(50),  
    Salary DECIMAL(10, 2)  
);  
  
INSERT INTO Employee (EmployeeID, Name, Department, Salary) VALUES  
(1, 'Alice', 'CSE', 6000),  
(2, 'Bob', 'IT', 7000),  
(3, 'Charlie', 'HR', 2000),  
(4, 'David', 'IT', 8000),  
(5, 'Mini', 'HR', 3000);  
  
SELECT SUM(Salary) AS TotalSalaryPaid  
FROM Employee;
```

11

```
CREATE TABLE Employee (  
    EmployeeID INT PRIMARY KEY,  
    Name VARCHAR(100),  
    Salary DECIMAL(10, 2)  
);  
  
INSERT INTO Employee (EmployeeID, Name, Salary) VALUES  
(1, 'Alice', 6000),  
(2, 'Bob', 7000),  
(3, 'Charlie', 2000),  
(4, 'David', 8000),  
(5, 'Mini', 3000);  
  
SELECT Name, Salary  
FROM Employee  
ORDER BY Salary ASC;
```

12

```
CREATE TABLE Student (  
    RollNo INT PRIMARY KEY,  
    Name VARCHAR(100),  
    Department VARCHAR(50)  
);  
  
INSERT INTO Student (RollNo, Name, Department) VALUES  
(1, 'Manu', 'CSE'),  
(2, 'Ashok', 'IT'),  
(3, 'Anu', 'CE');  
  
ALTER TABLE Student  
DROP COLUMN Department;
```

13

```
CREATE TABLE Employee (  
    EmployeeID INT PRIMARY KEY,  
    Name VARCHAR(100),  
    Department VARCHAR(50),  
    Salary DECIMAL(10, 2)  
);
```

```
-- Insert the employee data
INSERT INTO Employee (EmployeeID, Name, Department, Salary) VALUES
(1, 'Alice', 'CSE', 6000),
(2, 'Bob', 'IT', 7000),
(3, 'Charlie', 'HR', 2000),
(4, 'David', 'IT', 8000),
(5, 'Mini', 'HR', 3000);
```

```
SELECT
    MIN(Salary) AS LowestSalary,
    MAX(Salary) AS HighestSalary
FROM Employee;
```

14

```
CREATE TABLE Employee (
    EmployeeID INT PRIMARY KEY,
    Name VARCHAR(100),
    Department VARCHAR(50),
    Salary DECIMAL(10, 2)
);
```

```
-- Insert the employee data
INSERT INTO Employee (EmployeeID, Name, Department, Salary) VALUES
(1, 'Alice', 'CSE', 6000),
(2, 'Bob', 'IT', 7000),
(3, 'Charlie', 'HR', 2000),
(4, 'David', 'IT', 8000),
(5, 'Mini', 'HR', 3000);
```

```
SELECT MIN(Salary) AS LowestSalary
FROM Employee;
```