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1. Table creation Employee (Empno, Name, Empcity), and insertion of data.

**CREATE TABLE Employee (**

**Empno NUMBER(5) NOT NULL PRIMARY KEY,**

**Name VARCHAR(50),**

**Empcity VARCHAR(20)**

**);**

**INSERT INTO Employee (Empno, Name, Empcity) VALUES(1, 'John Doe', 'New York');**

**INSERT INTO Employee (Empno, Name, Empcity) VALUES(2, 'Jane Smith', 'Los Angeles');**

**INSERT INTO Employee (Empno, Name, Empcity) VALUES(3, 'Michael Johnson', 'Chicago');**

**INSERT INTO Employee (Empno, Name, Empcity) VALUES(4, 'Emily Brown', 'Houston');**

**INSERT INTO Employee (Empno, Name, Empcity) VALUES(5, 'David Lee', 'San Francisco');**

**INSERT INTO Employee (Empno, Name, Empcity) VALUES(6, 'Sarah Wilson', 'Boston');**

**INSERT INTO Employee (Empno, Name, Empcity) VALUES(7, 'Daniel Davis', 'Seattle');**

**INSERT INTO Employee (Empno, Name, Empcity) VALUES(8, 'Jessica Martinez', 'Miami');**

**INSERT INTO Employee (Empno, Name, Empcity) VALUES(9, 'Robert Anderson', 'Dallas');**

**INSERT INTO Employee (Empno, Name, Empcity) VALUES(10, 'Olivia Garcia', 'Atlanta');**

1. Table creation workson (Empno, Name, Empcity) and insertion of data.

**CREATE TABLE Workson (**

**Empno NUMBER(5) NOT NULL,**

**Company\_name VARCHAR(100),**

**Salary NUMBER(10, 2),**

**FOREIGN KEY (Empno) REFERENCES Employee(Empno)**

**);**

**INSERT INTO Workson (Empno, Company\_name, Salary)VALUES (1, 'Company A', 60000);**

**INSERT INTO Workson (Empno, Company\_name, Salary)VALUES (2, 'Company B', 55000);**

**INSERT INTO Workson (Empno, Company\_name, Salary)VALUES (3, 'Company C', 65000);**

**INSERT INTO Workson (Empno, Company\_name, Salary)VALUES (4, 'Company A', 58000);**

**INSERT INTO Workson (Empno, Company\_name, Salary)VALUES (5, 'Company D', 70000);**

**INSERT INTO Workson (Empno, Company\_name, Salary)VALUES (6, 'Company B', 52000);**

**INSERT INTO Workson (Empno, Company\_name, Salary)VALUES (7, 'Company A', 62000);**

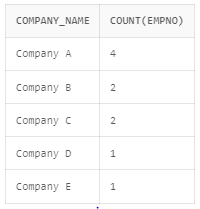
**INSERT INTO Workson (Empno, Company\_name, Salary)VALUES (8, 'Company E', 58000);**

**INSERT INTO Workson (Empno, Company\_name, Salary)VALUES (9, 'Company C', 68000);**

**INSERT INTO Workson (Empno, Company\_name, Salary)VALUES (10, 'Company A', 59000);**

1. Show the name of the company and no of employees who works in that company.

**SELECT COMPANY\_NAME,COUNT(EMPNO) FROM WORKSON GROUP BY COMPANY\_NAME ORDER BY COMPANY\_NAME;**



1. Display the Empno, Name for any employee who earns the maximum salary for their Company.

**SELECT EMPLOYEE.\* , WORKSON.COMPANY\_NAME, WORKSON.SALARY FROM EMPLOYEE, WORKSON**

**WHERE (WORKSON.SALARY, WORKSON.COMPANY\_NAME) IN (SELECT MAX(SALARY) , COMPANY\_NAME FROM WORKSON GROUP BY COMPANY\_NAME) AND WORKSON.EMPNO = EMPLOYEE.EMPNO**

**ORDER BY COMPANY\_NAME;**

