

## ✅ Table Creation

```
-- 1. Employee Table
CREATE TABLE Employee (
    employee_name VARCHAR(50) PRIMARY KEY,
    street VARCHAR(100),
    city VARCHAR(50)
);

-- 2. Company Table
CREATE TABLE Company (
    company_name VARCHAR(50) PRIMARY KEY,
    city VARCHAR(50)
);

-- 3. Works Table
CREATE TABLE Works (
    employee_name VARCHAR(50),
    company_name VARCHAR(50),
    salary INT,
    FOREIGN KEY (employee_name) REFERENCES Employee(employee_name),
    FOREIGN KEY (company_name) REFERENCES Company(company_name)
);

-- 4. Manages Table
CREATE TABLE Manages (
    employee_name VARCHAR(50),
    manager_name VARCHAR(50),
    FOREIGN KEY (employee_name) REFERENCES Employee(employee_name)
);
```

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## ✅ Sample Data (Optional for Testing)

```
INSERT INTO Employee VALUES ('Ravi', 'MG Road', 'Pune');
INSERT INTO Employee VALUES ('Anita', 'FC Road', 'Mumbai');
INSERT INTO Employee VALUES ('Sameer', 'JM Road', 'Pune');
INSERT INTO Employee VALUES ('Neha', 'Karve Road', 'Delhi');

INSERT INTO Company VALUES ('First Bank Corporation', 'Mumbai');
INSERT INTO Company VALUES ('Small Bank Corporation', 'Pune');
```

```
INSERT INTO Works VALUES ('Ravi', 'First Bank Corporation', 40000);
INSERT INTO Works VALUES ('Anita', 'Small Bank Corporation', 25000);
INSERT INTO Works VALUES ('Sameer', 'First Bank Corporation',
30000);
INSERT INTO Works VALUES ('Neha', 'Small Bank Corporation', 20000);

INSERT INTO Manages VALUES ('Ravi', 'Anita');
INSERT INTO Manages VALUES ('Sameer', 'Neha');
```

## SQL Queries

**1) Find the names, street address, and cities of residence for all employees**

```
SELECT employee_name, street, city
FROM Employee;
```

**2) Find the names of all employees who live in the city “Pune”**

```
SELECT employee_name
FROM Employee
WHERE city = 'Pune';
```

**3) Find the names of all employees who do not work for 'First Bank Corporation'**

```
SELECT employee_name
FROM Works
WHERE company_name != 'First Bank Corporation';
```

**4) Find the names of all employees who earn more than every employee of 'Small Bank Corporation'**

```
SELECT employee_name
FROM Works
WHERE salary > ALL (
    SELECT salary
    FROM Works
    WHERE company_name = 'Small Bank Corporation');
```

**5) Find all the managers**

```
SELECT DISTINCT manager_name
FROM Manages;
```