✅ 1. Create Tables

```
CREATE TABLE Location (
    Location_Id INT PRIMARY KEY,
    Reginal_Group VARCHAR(50)
);

CREATE TABLE Department (
    Department_Id INT PRIMARY KEY,
    Name VARCHAR(50),
    Location_Id INT,
    FOREIGN KEY (Location_Id) REFERENCES Location(Location_Id)
);

CREATE TABLE Job (
    Job_Id INT PRIMARY KEY,
    Function VARCHAR(50)
);

CREATE TABLE Employee (
    Employee_Id INT PRIMARY KEY,
    Lastname VARCHAR(50),
    Firstname VARCHAR(50),
    Middlename VARCHAR(50),
    Job_Id INT,
    Manager_id INT,
    Hiredate DATE,
    Salary INT,
    Department_id INT,
    FOREIGN KEY (Job_Id) REFERENCES Job(Job_Id),
    FOREIGN KEY (Department_id) REFERENCES Department(Department_Id)
);
```

✅ 2. Insert Sample Values

```
-- Insert into Location
INSERT INTO Location VALUES (1, 'North');
INSERT INTO Location VALUES (2, 'South');

-- Insert into Department
INSERT INTO Department VALUES (10, 'HR', 1);
INSERT INTO Department VALUES (20, 'Finance', 2);
INSERT INTO Department VALUES (30, 'IT', 2);
```

```
-- Insert into Job
INSERT INTO Job VALUES (670, 'Developer');
INSERT INTO Job VALUES (671, 'Analyst');
INSERT INTO Job VALUES (672, 'Tester');

-- Insert into Employee
INSERT INTO Employee VALUES (101, 'Smith', 'John', 'A', 671, 201,
'2020-01-01', 4000, 10);
INSERT INTO Employee VALUES (102, 'Allen', 'Mark', 'B', 670, 202,
'2021-02-01', 3200, 20);
INSERT INTO Employee VALUES (103, 'Doyle', 'Lisa', 'C', 671, 203,
'2021-03-01', 4600, 30);
INSERT INTO Employee VALUES (104, 'Dennis', 'Tom', 'D', 672, 204,
'2021-04-01', 3000, 10);
```

✅ 3. Execute Queries

🔷 1. List the details about “Smith”

```
SELECT * FROM Employee
WHERE Lastname = 'Smith';
```

🔷 2. List out the employees whose job id is 671

```
SELECT * FROM Employee
WHERE Job_Id = 671;
```

🔷 3. List out the employees earning salary between 3000 and 4500

```
SELECT * FROM Employee
WHERE Salary BETWEEN 3000 AND 4500;
```

🔷 4. List out the employees who are working in department 10 or 20

```
SELECT * FROM Employee
WHERE Department_id IN (10, 20);
```

🔷 5. Find out the employees who are not working in department 10 or 30

```
SELECT * FROM Employee
WHERE Department_id NOT IN (10, 30);
```