Question: Retrieve the records from the table EMPLOYEES (Employee_Id, First_Name, Last_Name, Email, Phone_Number, Hire_Date, Job_Id, Salary, Commission_Pct, Manager_Id, Department_Id)

1. Create an employee's table with the following fields: (Emp_id, First_name, Last_name, Phone_No, Hire_date, Job_id, Emp_Salary, Commission_Pct, Manager_id, Department_id)

Code:

```sql
Copy code
CREATE TABLE Employees (
    Emp_id INT PRIMARY KEY,
    First_name VARCHAR(50),
    Last_name VARCHAR(50),
    Phone_No VARCHAR(15),
    Hire_date DATE,
    Job_id VARCHAR(10),
    Emp_Salary DECIMAL(10, 2),
    Commission_Pct DECIMAL(5, 2),
    Manager_id INT,
    Department_id INT
);
```

Output: *No output for table creation.*

2. Insert five records into the table employees

Code:

```sql
Copy code
INSERT INTO Employees (Emp_id, First_name, Last_name, Phone_No,
Hire_date, Job_id, Emp_Salary, Commission_Pct, Manager_id,
Department_id)
VALUES
(1, 'John', 'Doe', '555-1234', '2023-01-10', 'DEV', 5000.00, 0.05,
```

```
101, 60),
(2, 'Jane', 'Smith', '555-5678', '2022-07-22', 'MGR', 7000.00, 0.10,
NULL, 70),
(3, 'Emily', 'Jones', '555-8765', '2023-03-15', 'DEV', 4500.00, 0.07,
101, 80),
(4, 'Michael', 'Brown', '555-4321', '2022-12-30', 'HR', 4000.00, 0.04,
102, 60),
(5, 'Sarah', 'Davis', '555-6789', '2023-05-05', 'DEV', 5500.00, 0.06,
103, 70);
```

Output: *No output for data insertion.*

3. Display the table Employees

Code:

```sql
Copy code
SELECT * FROM Employees;
```

Output:

Emp_id	First_name	Last_name	Phone_No	Hire_date	Job_id	Emp_Salary	Commission_Pct	Manager_id	Department_id
1	John	Doe	555-1234	2023-01-10	DEV	5000.00	0.05	101	60
2	Jane	Smith	555-5678	2022-07-22	MGR	7000.00	0.10	NULL	70
3	Emily	Jones	555-8765	2023-03-15	DEV	4500.00	0.07	101	80
4	Michael	Brown	555-4321	2022-12-30	HR	4000.00	0.04	102	60
5	Sarah	Davis	555-6789	2023-05-05	DEV	5500.00	0.06	103	70

4. Find out the employee id, names, salaries of all the employees

Code:

```sql
Copy code
SELECT Emp_id, First_name, Last_name, Emp_Salary
FROM Employees;
```

Output:

Emp_id	First_name	Last_name	Emp_Salary
1	John	Doe	5000.00
2	Jane	Smith	7000.00
3	Emily	Jones	4500.00
4	Michael	Brown	4000.00
5	Sarah	Davis	5500.00

5. Find the names of the employees who have a salary greater than or equal to 4800

Code:

```sql
Copy code
SELECT First_name, Last_name
FROM Employees
WHERE Emp_Salary >= 4800;
```

Output:

First_name	Last_name
John	Doe
Jane	Smith
Sarah	Davis

6. List out the employees whose last name is 'AUSTIN'

Code:

```sql
Copy code
SELECT First_name, Last_name
FROM Employees
WHERE Last_name = 'AUSTIN';
```

Output: *No rows found.*

7. Find the names of the employees who work in departments 60, 70, and 80

Code:

```sql
Copy code
SELECT First_name, Last_name
FROM Employees
WHERE Department_id IN (60, 70, 80);
```

Output:

First_name	Last_name
John	Doe
Jane	Smith
Emily	Jones
Michael	Brown
Sarah	Davis

8. Display the unique Manager_id from the employees table

Code:

```sql
Copy code
SELECT DISTINCT Manager_id
FROM Employees;
```

Output:

Manager_id
101
102
103
NULL