

Assignment_1

Enter password: *****

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 9

Server version: 8.0.37 MySQL Community Server - GPL

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

```
mysql> show databases;
```

Database
college
information_schema
mysql
performance_schema
sakila
sys
world

7 rows in set (0.02 sec)

```
mysql> create database employee
```

```
-> ;
```

Query OK, 1 row affected (0.01 sec)

```
mysql> use employee;
```

Database changed

```
mysql> CREATE TABLE EMPLOYEES (
```

```
->     Emp_id INT,  
->     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  
-> );
```

Query OK, 0 rows affected (0.04 sec)

```
mysql> 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', '123-456-7890', '2023-01-15', 'J101', 5000.00, 10.00,  
101, 60),  
-> (2, 'Jane', 'Smith', '123-456-7891', '2023-02-20', 'J102', 4800.00, 12.00,  
102, 70),  
-> (3, 'Robert', 'Brown', '123-456-7892', '2023-03-10', 'J103', 4500.00, 15.00,  
103, 80),  
-> (4, 'Emily', 'Austin', '123-456-7893', '2023-04-25', 'J104', 5200.00, 8.00,  
104, 60),  
-> (5, 'Michael', 'Clark', '123-456-7894', '2023-05-30', 'J105', 4700.00,
```

11.00, 105, 70);
Query OK, 5 rows affected (0.00 sec)
Records: 5 Duplicates: 0 Warnings: 0

mysql> SELECT * FROM EMPLOYEES;

Emp_id	First_name	Last_name	Phone_No	Hire_date	Job_id	Emp_Salary
Commission_Pct	Manager_id	Department_id				
1	John	Doe	123-456-7890	2023-01-15	J101	5000.00
10.00	101	60				
2	Jane	Smith	123-456-7891	2023-02-20	J102	4800.00
12.00	102	70				
3	Robert	Brown	123-456-7892	2023-03-10	J103	4500.00
15.00	103	80				
4	Emily	Austin	123-456-7893	2023-04-25	J104	5200.00
8.00	104	60				
5	Michael	Clark	123-456-7894	2023-05-30	J105	4700.00
11.00	105	70				

5 rows in set (0.00 sec)

mysql> SELECT Emp_id, First_name, Last_name, Emp_Salary FROM EMPLOYEES;

Emp_id	First_name	Last_name	Emp_Salary
1	John	Doe	5000.00
2	Jane	Smith	4800.00
3	Robert	Brown	4500.00
4	Emily	Austin	5200.00
5	Michael	Clark	4700.00

5 rows in set (0.00 sec)

mysql> SELECT First_name, Last_name FROM EMPLOYEES WHERE Emp_Salary >= 4800;

First_name	Last_name
John	Doe
Jane	Smith
Emily	Austin

3 rows in set (0.00 sec)

mysql> SELECT * FROM EMPLOYEES WHERE Last_name = 'AUSTIN';

Emp_id	First_name	Last_name	Phone_No	Hire_date	Job_id	Emp_Salary
Commission_Pct	Manager_id	Department_id				
4	Emily	Austin	123-456-7893	2023-04-25	J104	5200.00
8.00	104	60				

1 row in set (0.00 sec)

```
mysql> SELECT First_name, Last_name FROM EMPLOYEES WHERE Department_id IN (60, 70, 80);
```

First_name	Last_name
John	Doe
Jane	Smith
Robert	Brown
Emily	Austin
Michael	Clark

```
5 rows in set (0.00 sec)
```

```
mysql> SELECT DISTINCT Manager_id FROM EMPLOYEES;
```

Manager_id
101
102
103
104
105

```
5 rows in set (0.00 sec)
```

```
mysql>
```