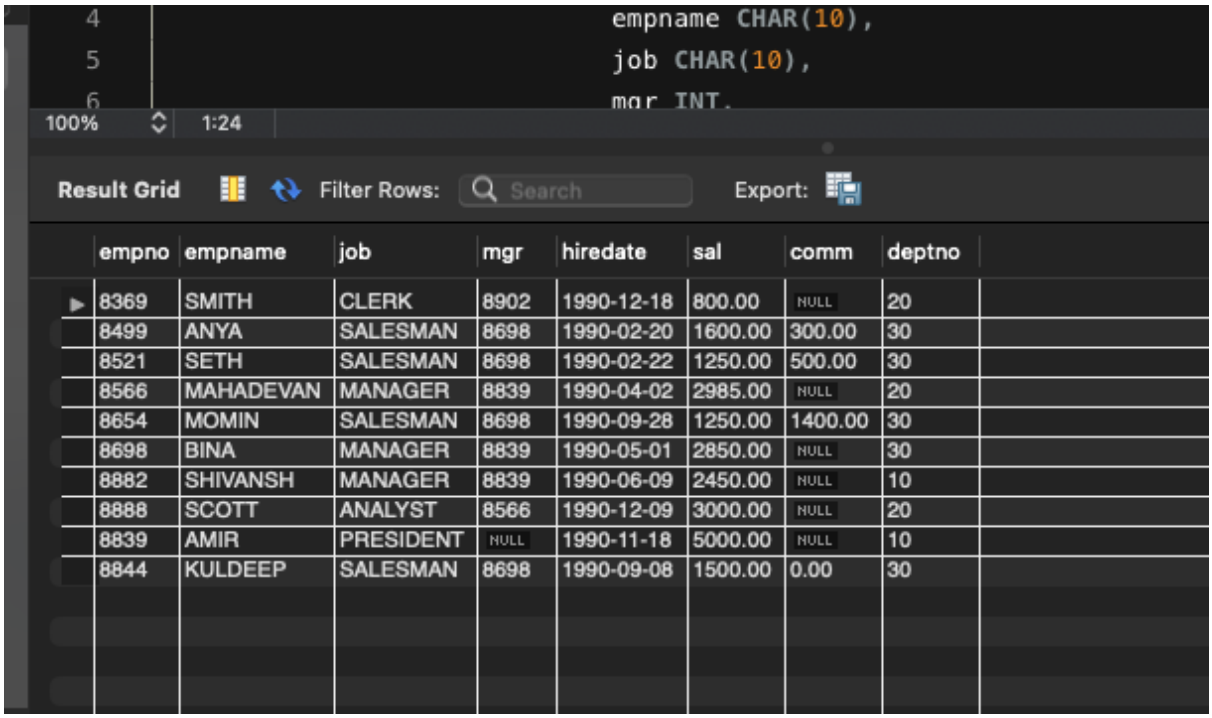
MYSQL TASK

TABLE CREATED



empno	empname	job	mgr	hiredate	sal	comm	deptno
8369	SMITH	CLERK	8902	1990-12-18	800.00	NULL	20
8499	ANYA	SALESMAN	8698	1990-02-20	1600.00	300.00	30
8521	SETH	SALESMAN	8698	1990-02-22	1250.00	500.00	30
8566	MAHADEVAN	MANAGER	8839	1990-04-02	2985.00	NULL	20
8654	MOMIN	SALESMAN	8698	1990-09-28	1250.00	1400.00	30
8698	BINA	MANAGER	8839	1990-05-01	2850.00	NULL	30
8882	SHIVANSH	MANAGER	8839	1990-06-09	2450.00	NULL	10
8888	SCOTT	ANALYST	8566	1990-12-09	3000.00	NULL	20
8839	AMIR	PRESIDENT	NULL	1990-11-18	5000.00	NULL	10
8844	KULDEEP	SALESMAN	8698	1990-09-08	1500.00	0.00	30

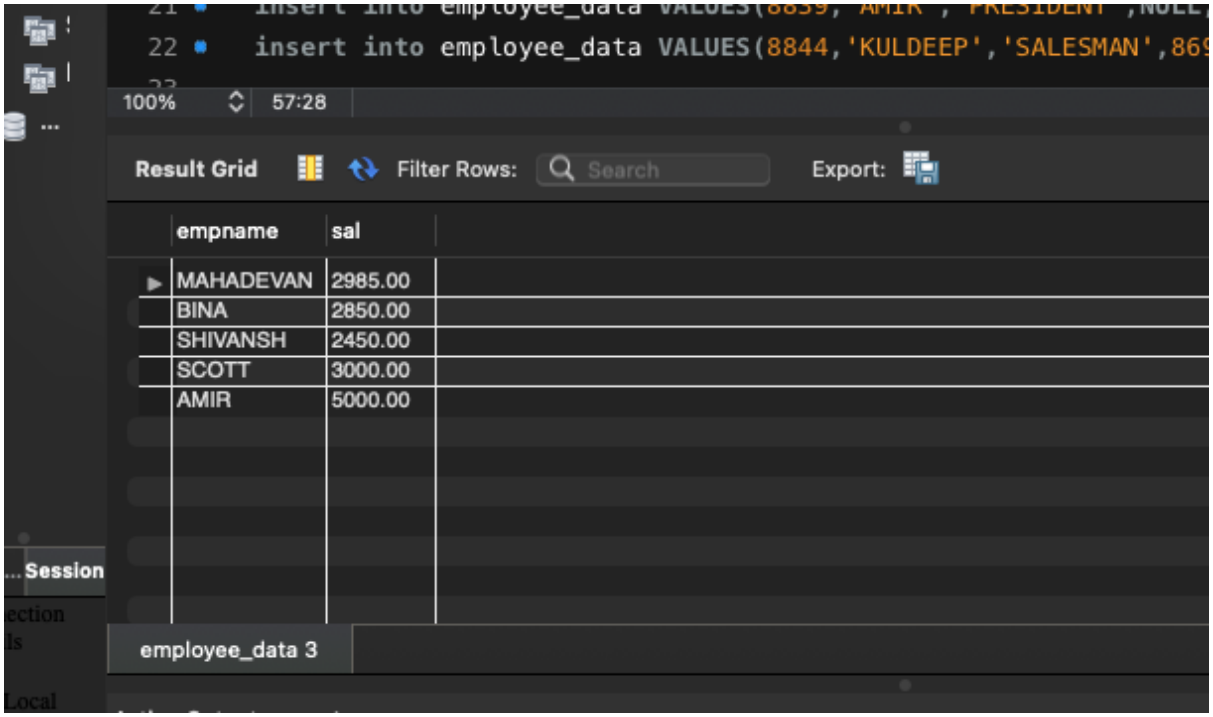
command:

```
create database employee;//Crrated a database

USE employee;


create table employee_data(empno INT,
                    empname CHAR(10),
                     job CHAR(10),
                     mgr INT,
                     hiredate DATE,
                     sal FLOAT(8,2),
```

```
comm FLOAT(8,2),
deptno INT); //Table created
```

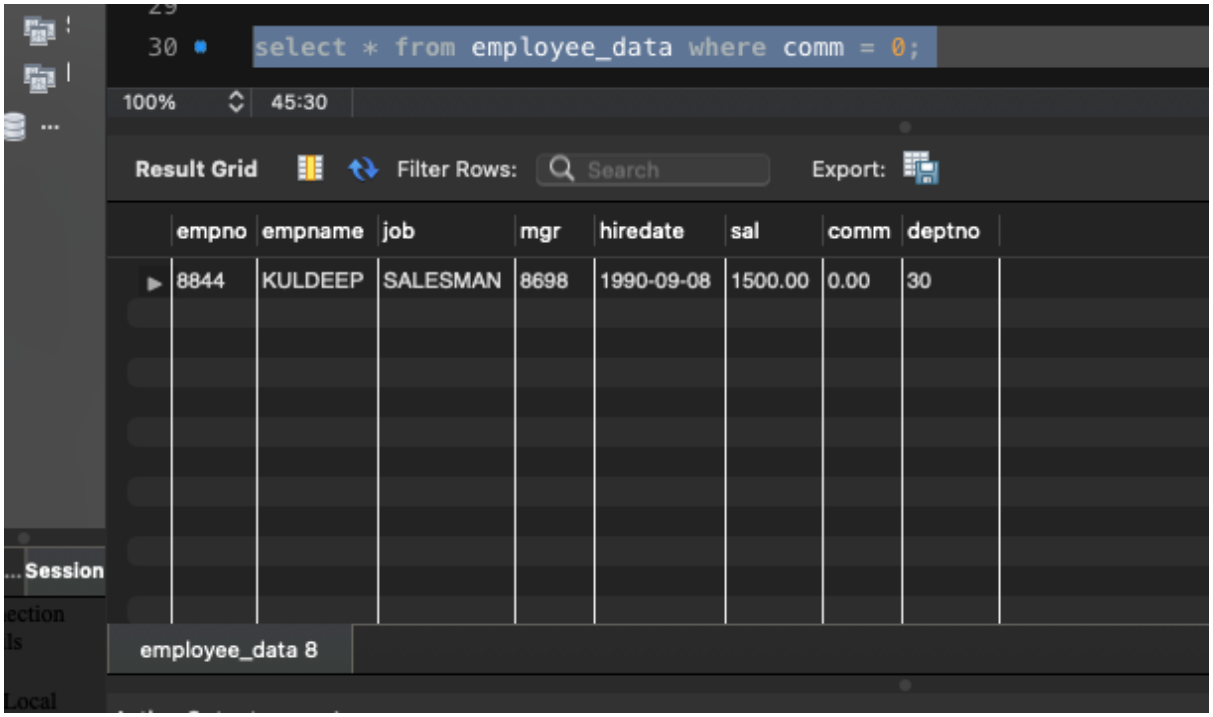
```
insert into employee_data VALUES(8369,'SMITH','CLERK',8902,'1990-12-18',800.00,NULL,20);
insert into employee_data VALUES(8499,'ANYA','SALESMAN',8698,'1990-02-20',1600.00,300.00,30);
insert into employee_data VALUES(8521,'SETH','SALESMAN',8698,'1990-02-22',1250.00,500.00,30);
insert into employee_data VALUES(8566,'MAHADEVAN','MANAGER',8839,'1990-04-02',2985.00,NULL,20);
insert into employee_data VALUES(8654,'MOMIN','SALESMAN',8698,'1990-09-28',1250.00,1400.00,30);
insert into employee_data VALUES(8698,'BINA','MANAGER',8839,'1990-05-01',2850.00,NULL,30);
insert into employee_data VALUES(8882,'SHIVANSH','MANAGER',8839,'1990-06-09',2450.00,NULL,10);
insert into employee_data VALUES(8888,'SCOTT','ANALYST',8566,'1990-12-09',3000.00,NULL,20);
insert into employee_data VALUES(8839,'AMIR','PRESIDENT',NULL,'1990-11-18',5000.00,NULL,10);
insert into employee_data VALUES(8844,'KULDEEP','SALESMAN',8698,'1990-09-08',1500.00,0.00,30);
```

1. A. To display ename and salary ,of salary greater than or equal to 2200?



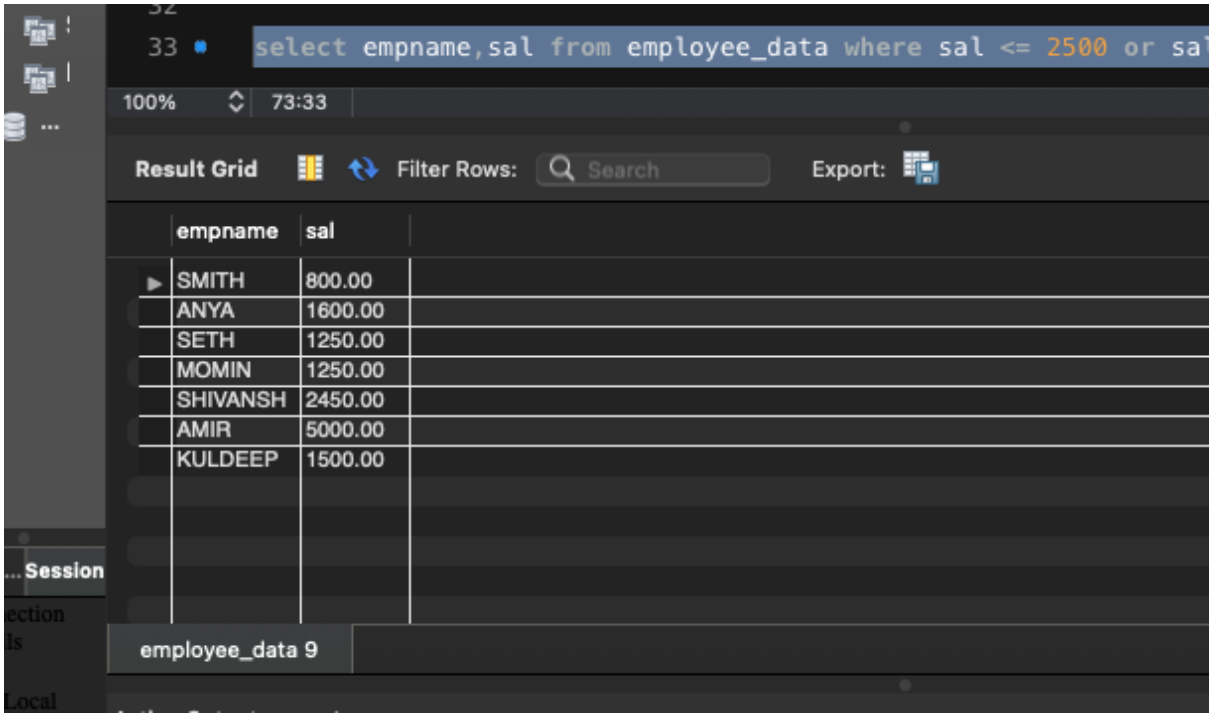
Command : select empname,sal from employee_data where sal >= 2200;

1. B. To display details of employee not getting commission ?



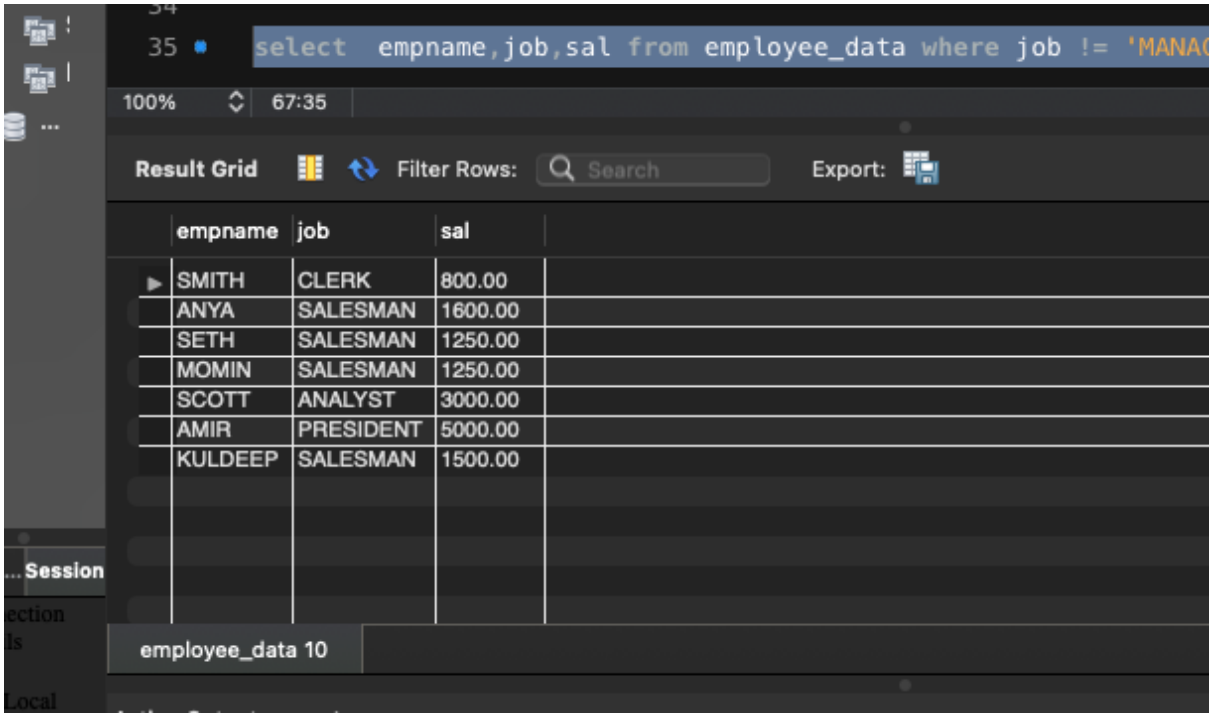
COMMAND : select * from employee_data where comm = 0;

1. C. To display salary range not between 2500 to 4000?



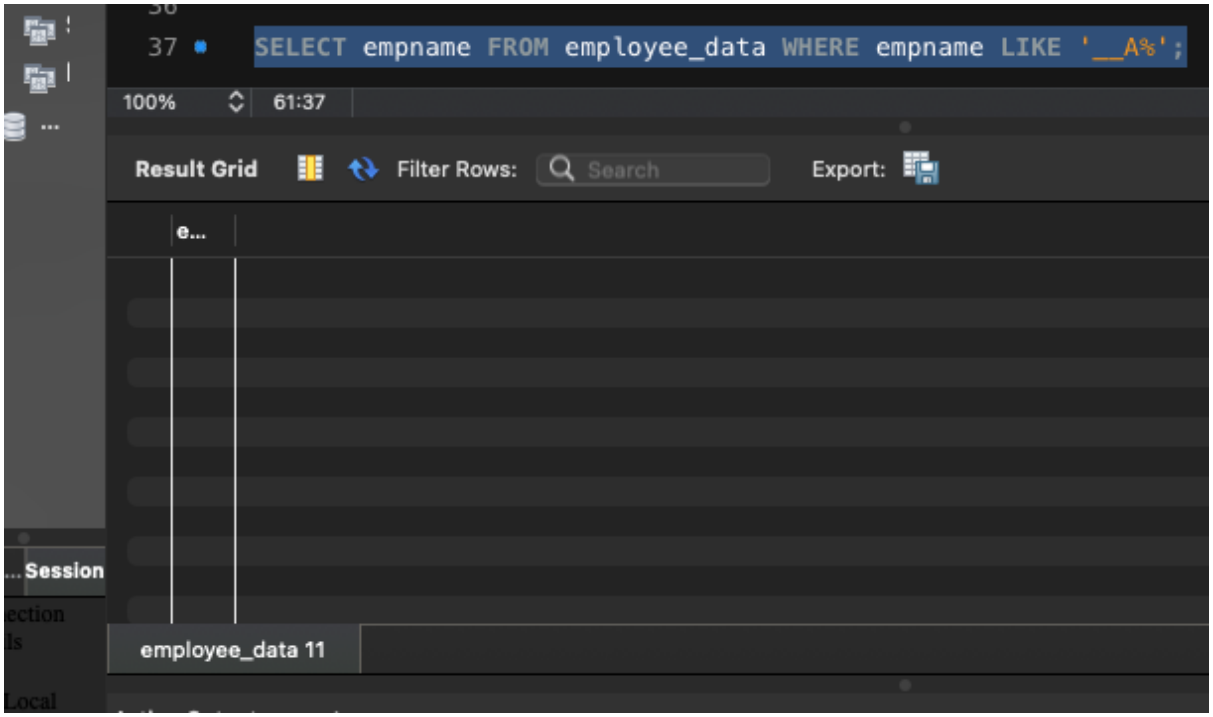
Command: select empname,sal from employee_data where sal <= 2500 or sal >=4000 ;

1. D. To display employee details who is not a manager?



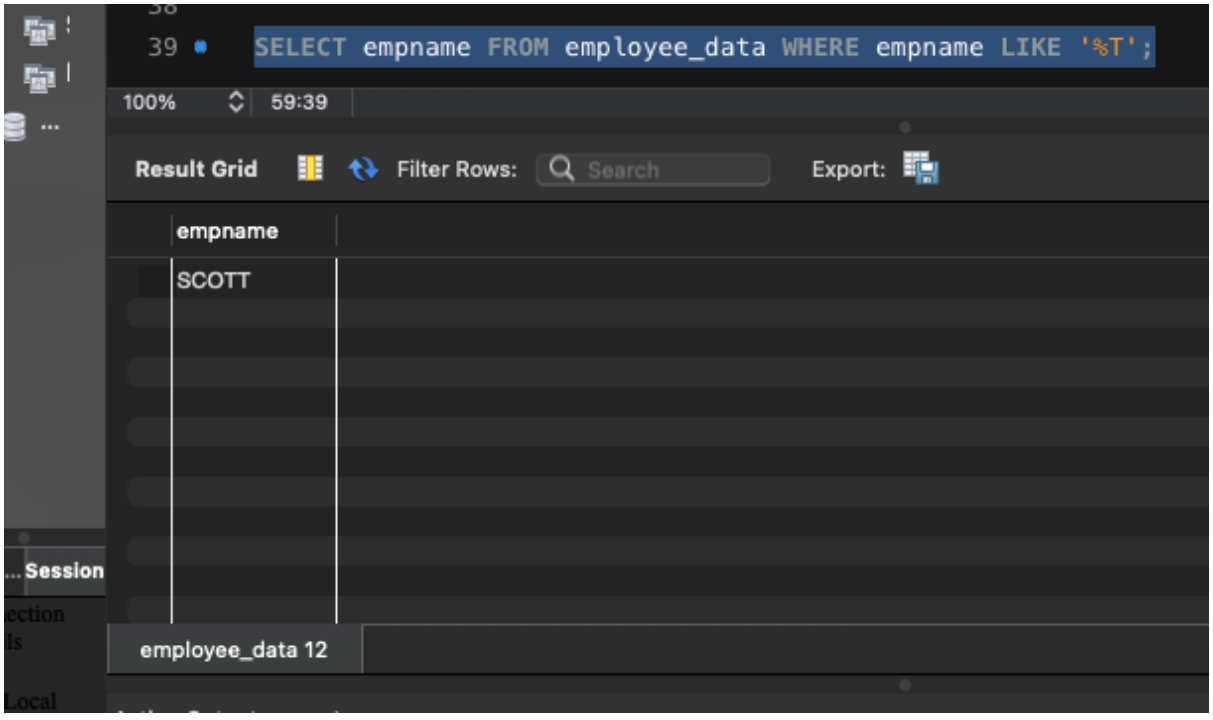
Command : select empname,job,sal from employee_data where job != 'MANAGER';

1. E. To display name of the employee who's name has 3rd alphabet as 'A'?



Command : SELECT empname FROM employee_data WHERE empname LIKE '__A%';

1. F. To display employee name ends with 'T'?



Command: SELECT empname FROM employee_data WHERE empname LIKE '%T';

2. JDBC – To insert a rows to a table

Code:

```
package jdbc_demo;

import java.sql.*;

public class test_connection {
  public static void main(String[] args)
{
     System.out.println("java.sql package
is accessible!");
     String jdbcUrl =
"jdbc:mysql://localhost:3306/employee";
      String username = "root";
      String password = "Sudhir2510@";

      String sql = "INSERT INTO
employeetable VALUES (?, ?, ?, ?)";//set
command

      try {
```

```
            Connection conn =
DriverManager.getConnection(jdbcUrl,
username, password);//to establish a
connection to server


            PreparedStatement stmt =
conn.prepareStatement(sql);//to execute
the querey


             // stmt.setInt(1, 101);
             // stmt.setString(2, "Jenny");
             // stmt.setInt(3, 25);
             // stmt.setInt(4,10000);

           // stmt.setInt(1, 102);
           // stmt.setString(2, "Jacky");
           // stmt.setInt(3, 30);
           // stmt.setInt(4,20000);
```

```
            // stmt.setInt(1, 103);
            // stmt.setString(2, "Joe");
            // stmt.setInt(3, 20);
            // stmt.setInt(4,40000);

            // stmt.setInt(1, 104);
            // stmt.setString(2, "John");
            // stmt.setInt(3, 40);
            // stmt.setInt(4,80000);

            stmt.setInt(1, 105);
            stmt.setString(2, "Shameer");
            stmt.setInt(3, 25);
            stmt.setInt(4,90000);

             int rowsInserted =
stmt.executeUpdate();
             if (rowsInserted > 0) {
                 System.out.println("A new
row was inserted successfully!");
             }
```

```
            stmt.close();
            conn.close();

        } catch (SQLException e) {
            System.out.println("Connection
failed!");
            e.printStackTrace();
        }
    }
}
```

Output: