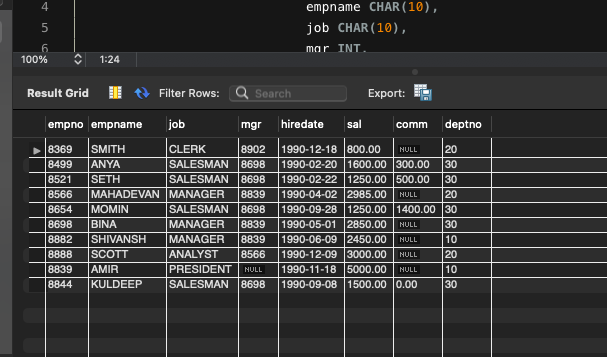
MYSQL TASK

TABLE CREATED



**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);

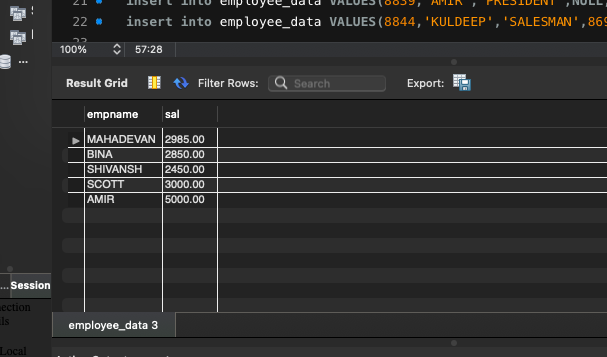
insert into employee\_data VALUES(8882,'SHIVANSH','MANAGER',8839,'1990-06-09',2450.00,NULL,10);

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);

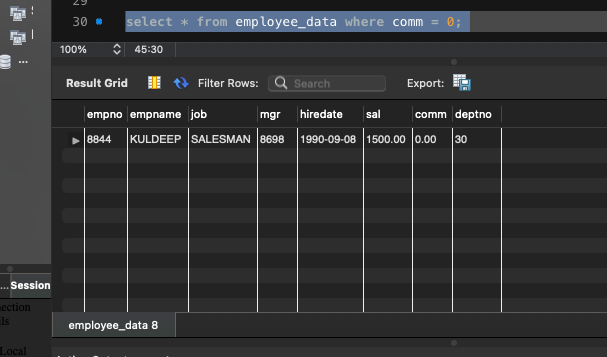
insert into employee\_data VALUES(8844,'KULDEEP','SALESMAN',8698,'1990-09-08',1500.00,0.00,30);

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



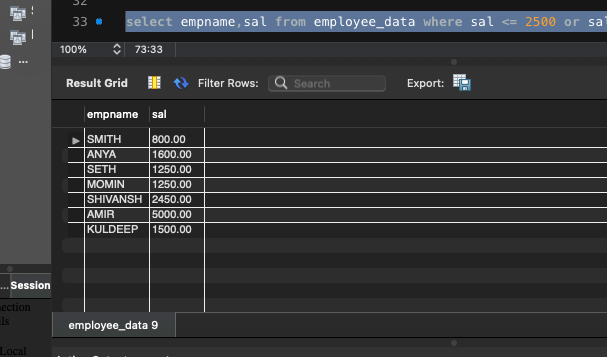
Command : select empname,sal from employee\_data where sal >= 2200;

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



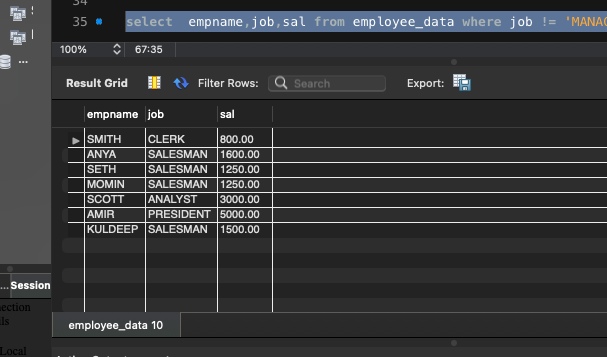
COMMAND : select \* from employee\_data where comm = 0;

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



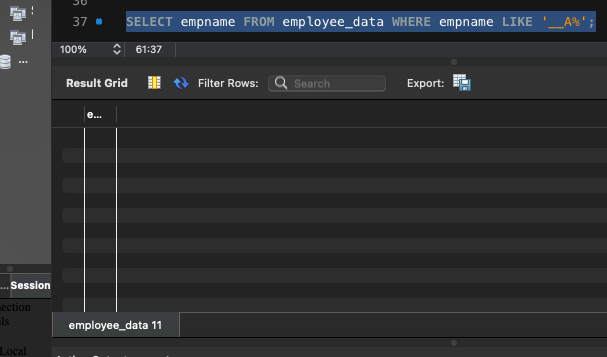
Command: select empname,sal from employee\_data where sal <= 2500 or sal >=4000 ;

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



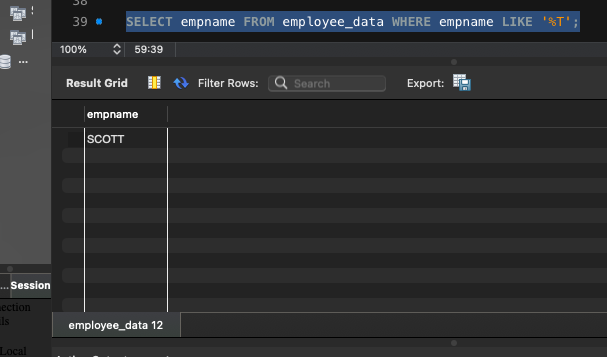
Command : select empname,job,sal from employee\_data where job != 'MANAGER';

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';

1. 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: 