

Table_3: Create table given below: Employee and Incentive

3. Create table given below: Employee and Incentive

Table Name: Employee

Employee_id	First_name	Last_name	Salary	Joining_date	Department
1	John	Abraham	1000000	01-JAN-13 12.00.00 AM	Banking
2	Michael	Clarke	800000	01-JAN-13 12.00.00 AM	Insurance
3	Roy	Thomas	700000	01-FEB-13 12.00.00 AM	Banking
4	Tom	Jose	600000	01-FEB-13 12.00.00 AM	Insurance
5	Jerry	Pinto	650000	01-FEB-13 12.00.00 AM	Insurance
6	Philip	Mathew	750000	01-JAN-13 12.00.00 AM	Services
7	TestName1	123	650000	01-JAN-13 12.00.00 AM	Services
8	TestName2	Lname%	600000	01-FEB-13 12.00.00 AM	Insurance

Table Name: Incentive

Employee_ref_id	Incentive_date	Incentive_amount
1	01-FEB-13	5000
2	01-FEB-13	3000
3	01-FEB-13	4000
1	01-JAN-13	4500
2	01-JAN-13	3500

a) Get First_Name from employee table using Tom name "Employee Name".
b) Get FIRST_NAME, Joining Date, and Salary from employee table.

Solution:

Table_1:Employee_A

MySQL Workbench

Local instance MySQL80

SQL File 3*

```
1 use komal;  
2 select * from Employee_A;
```

Result Grid

Employee_id	First_name	Last_name	Salary	Joining_date	Department
1	John	Abraham	1000000	01-Jan-13 12.00.00 AM	Banking
2	Michael	Clarke	800000	01-Jan-13 12.00.00 AM	Insurance
3	Roy	Thomas	700000	01-Feb-13 12.00.00 AM	Banking
4	Tom	Jose	600000	01-Feb-13 12.00.00 AM	Insurance
5	Jerry	Pinto	650000	01-Feb-13 12.00.00 AM	Insurance
6	Philip	Mathew	750000	01-Jan-13 12.00.00 AM	Services
7	TestName1	123	650000	01-Jan-13 12.00.00 AM	Services
8	TestName2	Lname%	600000	01-Feb-13 12.00.00 AM	Insurance

Employee_A 1 x

Action Output

#	Time	Action	Message	Duration / Fetch
1	14:32:12	use komal	0 row(s) affected	0.000 sec
2	14:32:12	select * from Employee_A LIMIT 0, 1000	8 row(s) returned	0.015 sec / 0.000 sec

Table_2:Incentive

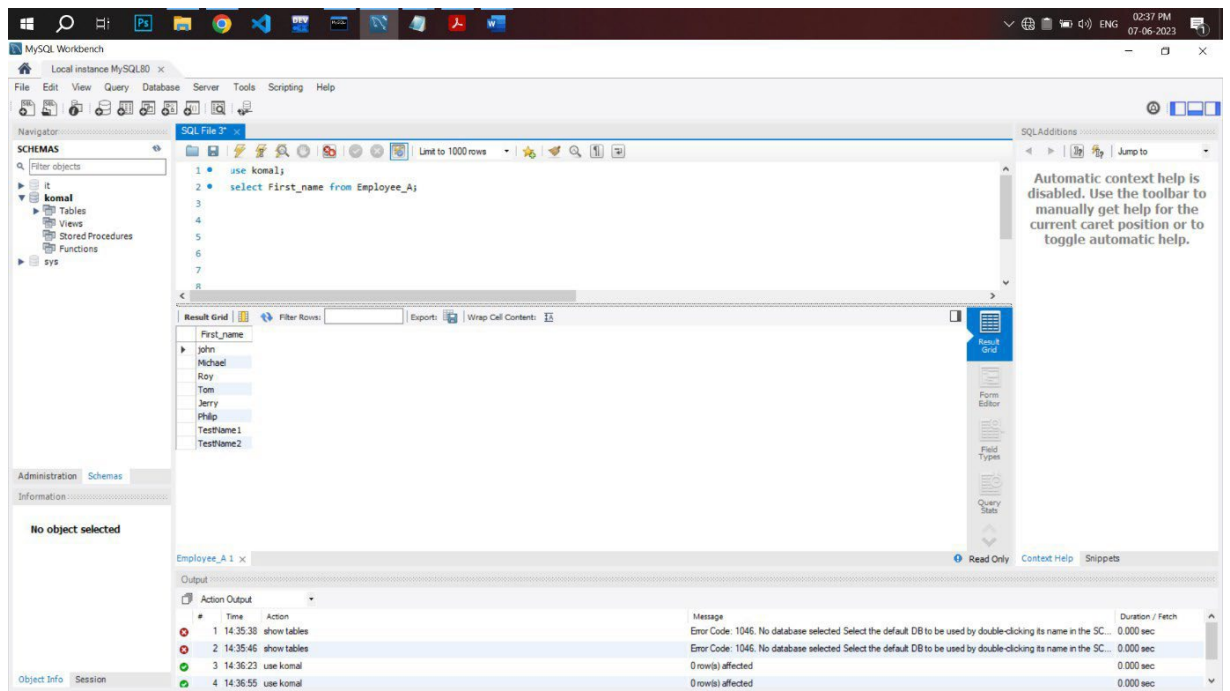
The screenshot displays the MySQL Workbench interface. The top menu bar includes File, Edit, View, Query, Database, Server, Tools, Scripting, and Help. The left sidebar shows the SCHEMAS pane with a tree view of databases (it, komal, sys) and their contents (Tables, Views, Stored Procedures, Functions). The main editor window shows a SQL script with two lines: `use komal;` and `select * from Employee_A LIMIT 0, 1000;`. Below the script, the Result Grid shows the execution results for the second query. The grid has three columns: Employee_ref_id, Incentive_date, and Incentive_amount. The results are as follows:

Employee_ref_id	Incentive_date	Incentive_amount
1	01-Feb-13	5000
2	01-Feb-13	3000
3	01-Feb-13	4000
1	01-Jan-13	4500
2	01-Jan-13	3500

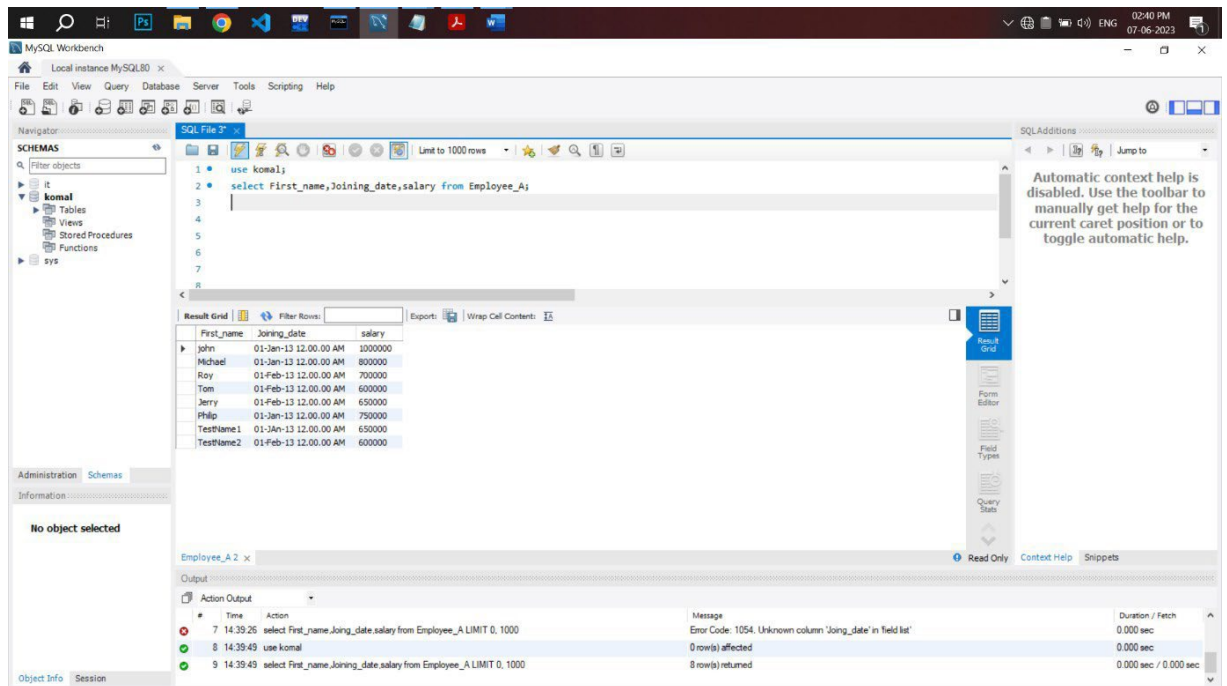
The bottom pane shows the Output window with the Action Output tab selected. It displays a log of the executed queries and their results:

#	Time	Action	Message	Duration / Fetch
1	14:32:12	use komal	0 row(s) affected	0.000 sec
2	14:32:12	select * from Employee_A LIMIT 0, 1000	8 row(s) returned	0.015 sec / 0.000 sec
3	14:32:32	use komal	0 row(s) affected	0.000 sec
4	14:32:32	select * from Incentive LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

a) Get First_Name from employee table using Tom name “Employee Name”.

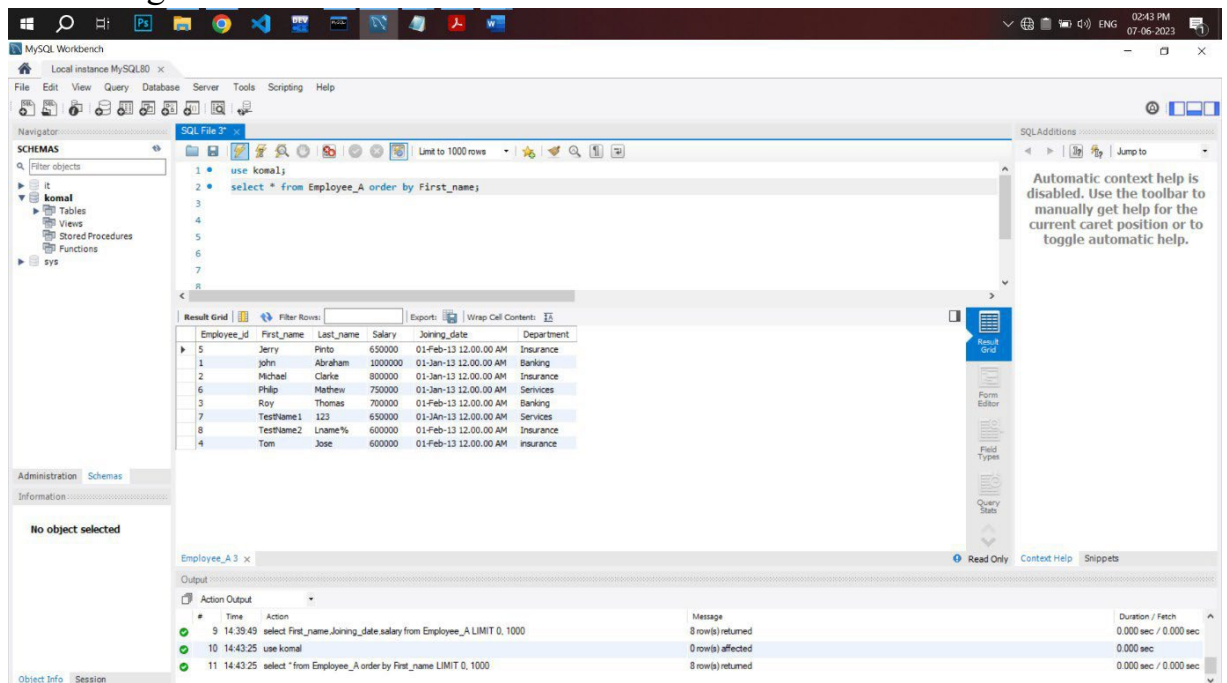


b) Get FIRST_NAME, Joining Date, and Salary from employee table.

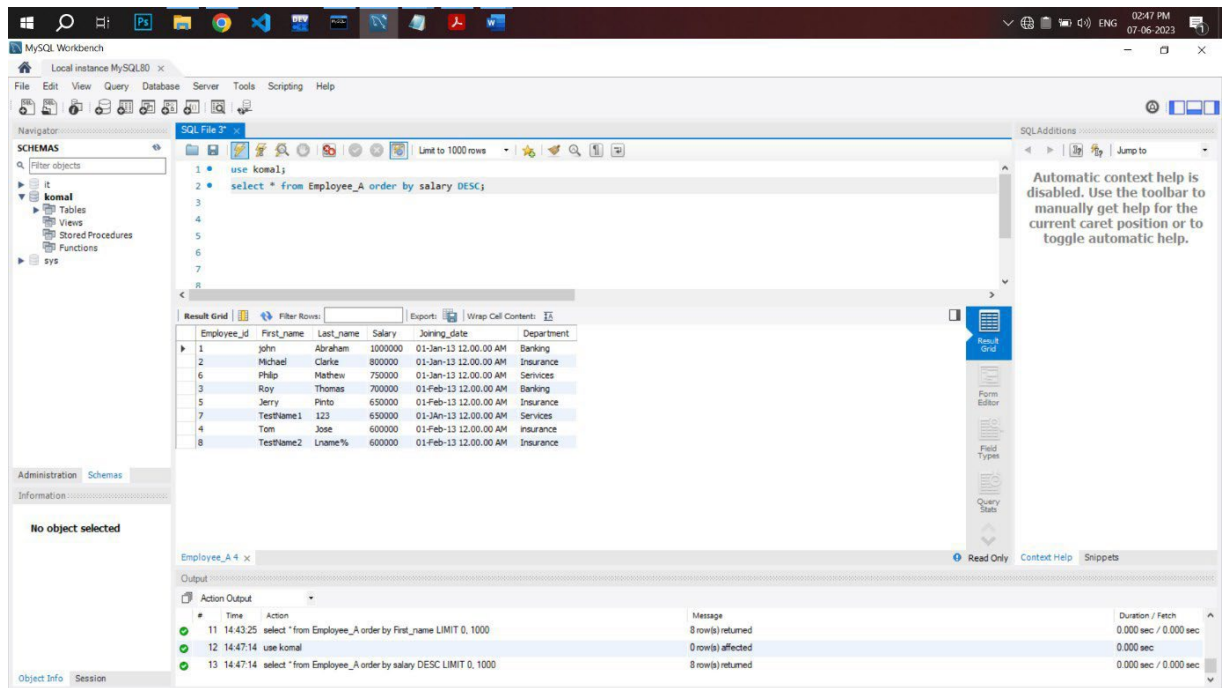


c) Get all employee details from the employee table order by First_Name Ascending and Salary descending?

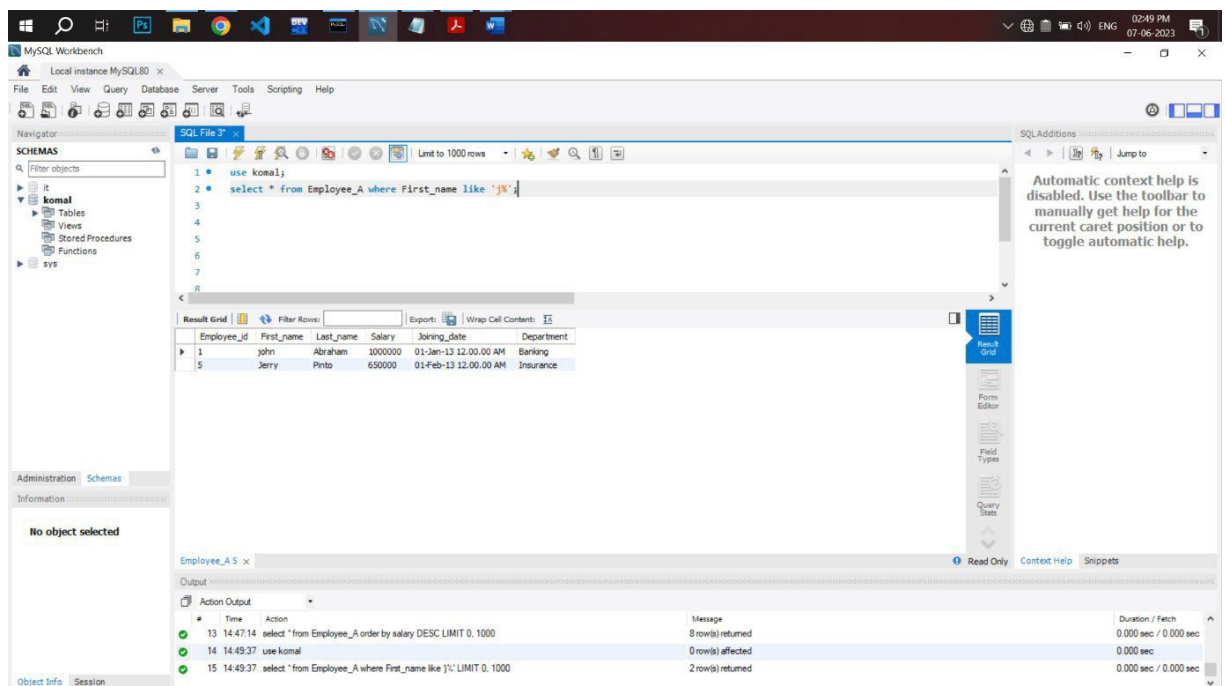
Ascending:



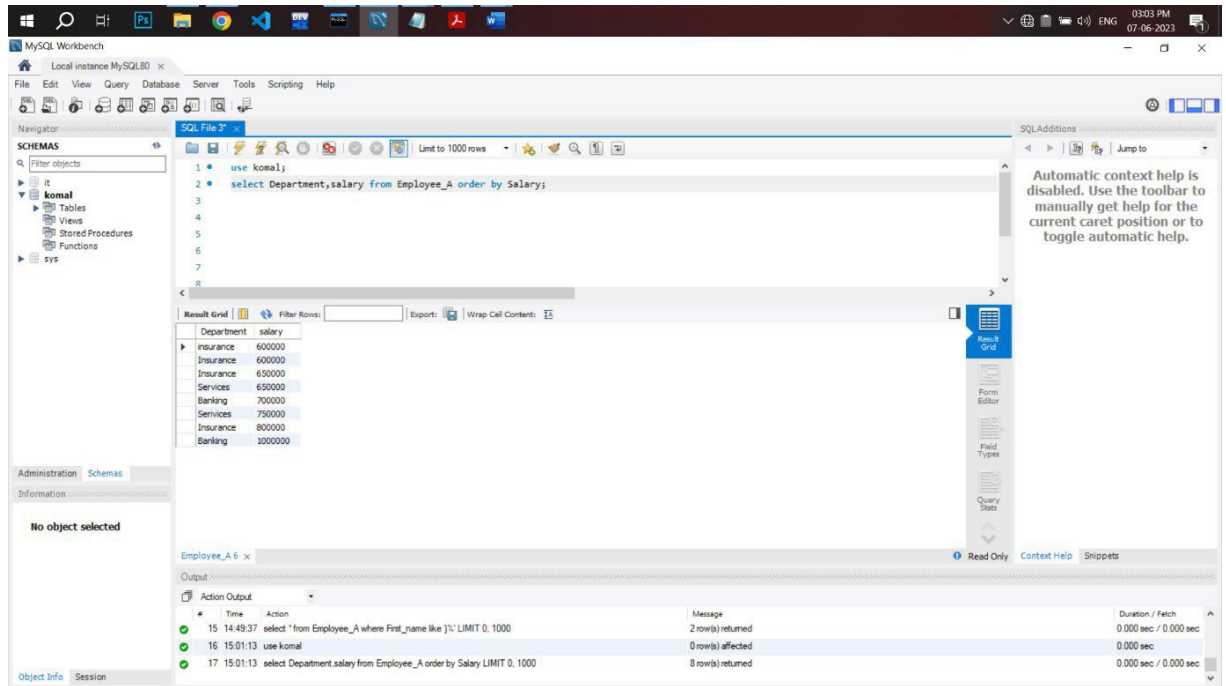
Descending:



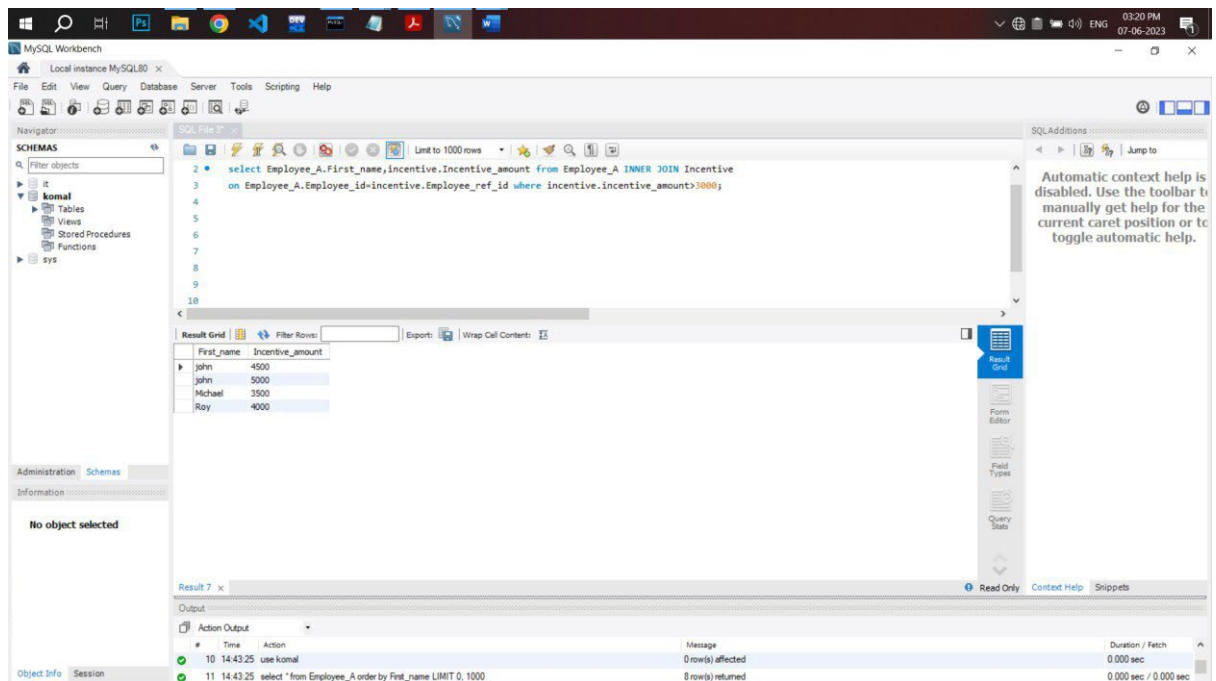
d) Get employee details from employee table whose first name contains 'J'.



e) Get department wise maximum salary from employee table order by salary ascending?



- f) Select first_name, incentive amount from employee and incentives table for those employees who have incentives and incentive amount greater than 3000:



- g) Create After Insert trigger on Employee table which insert records in view table:

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

it

komal

Tables

Views

Stored Procedures

Functions

sys

SQL File 3*

Limit to 1000 rows

```
1 show databases;
2 DELIMITER //
3 create trigger KV
4 after insert on Employee_A
5 for each row
6 BEGIN
7 insert into VIEW values(new.Employee_id,new.First_name,new.Last_name,new.salary,new.joining_date,new.department);
8 END; //
9
10
```

Result Grid

Filter Rows:

Exports

Wrap Cell Content:

Database

information_schema

it

komal

mysql

performance_schema

sys

Administration Schemas

Information

No object selected

Result 10

Output

Action Output

#	Time	Action	Message	Duration / Fetch
38	15:36:35	DELIMITER// create trigger KV after insert on Employee_A for each row BEGIN insert into VIEW values(new...	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL se...	0.000 sec
39	15:37:43	show databases	6 row(s) returned	0.000 sec / 0.000 sec
40	15:37:43	create trigger KV after insert on Employee_A for each row BEGIN insert into VIEW values(new Employee_id,n...	0 row(s) affected	0.000 sec

Object Info Session

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.