**Assignment\_module\_05**

Task : - 03

Create table given below: Employee and Incentive

Table name :- Employee

CREATE TABLE Employee

(

Employee\_id int(200) AUTO\_INCREMENT PRIMARY KEY,

First\_name varchar(200),

last\_name varchar(200),

Salary int(200),

Joining\_date varchar(200),

Department varchar(200)

)

Insert data form Employee :-

INSERT INTO `Employee` (`Employee\_id`, `First\_name`, `Last\_name`, `Salary`, `Joining\_date`, `Department`) VALUES

(1, 'John ', 'Abraham', '1000000', '01-JAN-13\r\n12.00.00 AM', 'Banking'),

(2, 'Michael', 'Clarke', '800000', '01-JAN-13\r\n12.00.00 AM', 'Insurance'),

(3, 'Roy\r\n', 'Thomas', '700000', '01-FEB-13\r\n12.00.00 AM', 'Banking'),

(4, 'Tom\r\n', 'Jose', '600000', '01-FEB-13\r\n12.00.00 AM', 'Insurance'),

(5, 'Jerry', 'Pinto', '650000', '01-FEB-13\r\n12.00.00 AM', 'Insurance'),

(6, 'Phillip', 'Mathew', '750000', '01-JAN-13\r\n12.00.00 AM', 'Services'),

(7, 'TestName1', '123', '650000', '01-JAN-13\r\n12.00.00 AM', 'Services'),

(8, 'TestName2', 'Lname%', '600000', '01-FEB-13\r\n12.00.00 AM', 'Insurance');

Output:-

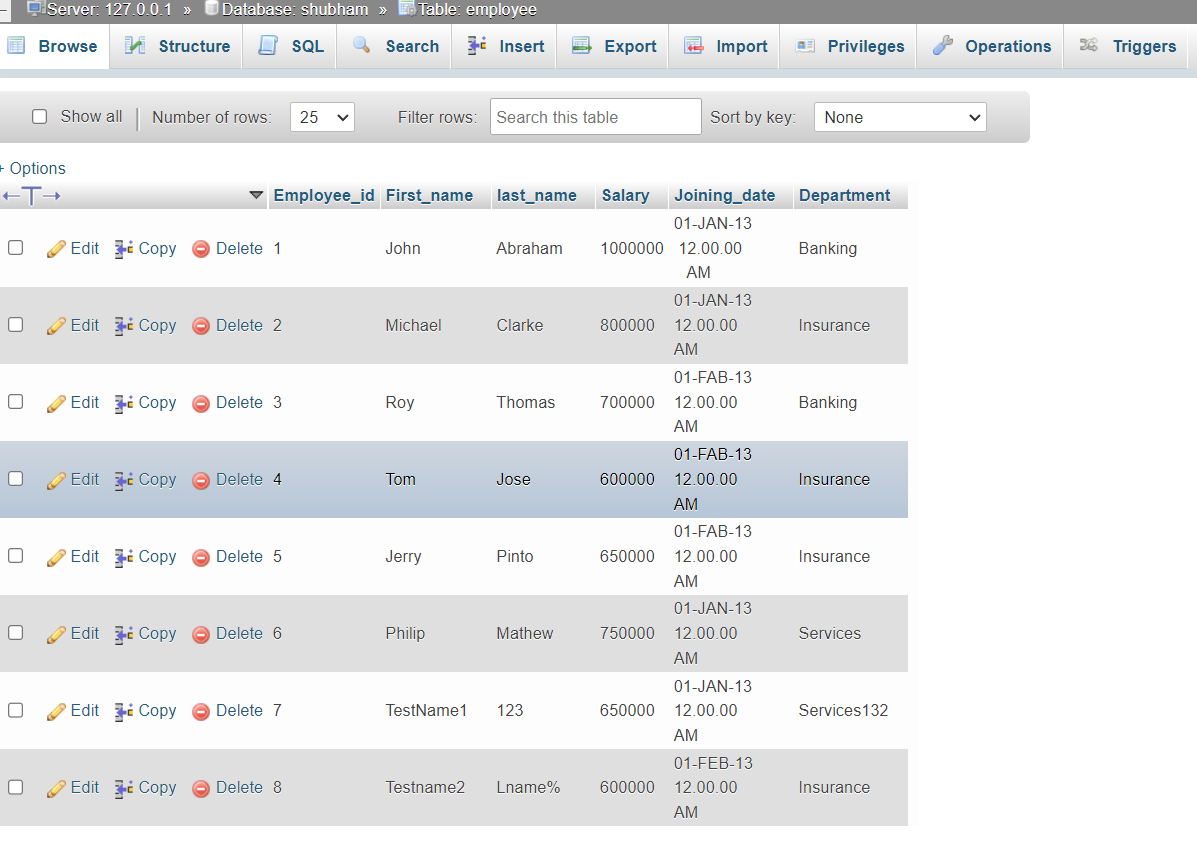


Table incentive:-

CREATE TABLE incentives

(

Employee\_ref\_id int(200),

Incentive\_date varchar(255),

Incentive\_amount varchar(255),

FOREIGN KEY(Employee\_ref\_id) REFERENCES employee (employee\_id);

)

Insert data form incentives:-

INSERT INTO `incentives` (`Employee\_ref\_id`, `Incentive\_date`, `Incentive\_amount`)

VALUES ('1', '01-FEB-13', '5000'),

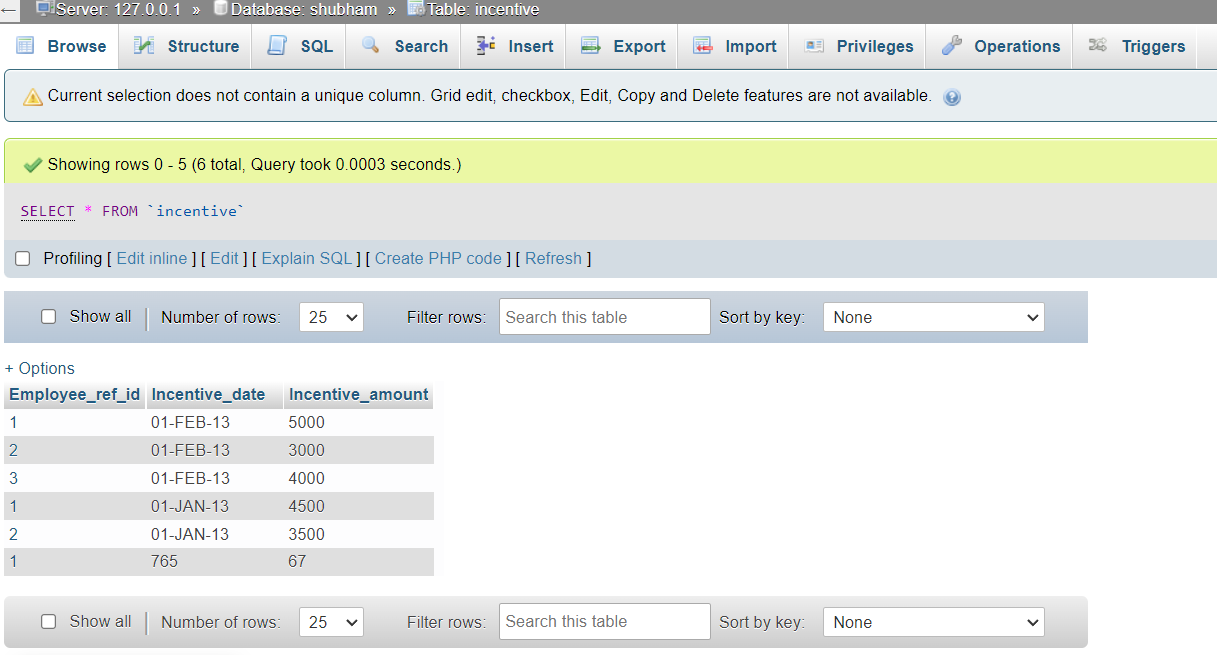
('2', '01-FEB-13', '3000'),

('3', '01-FEB-13', '4000'),

('1', '01-JAN-13', '4500'),

('2', '01-JAN-13', '3500');

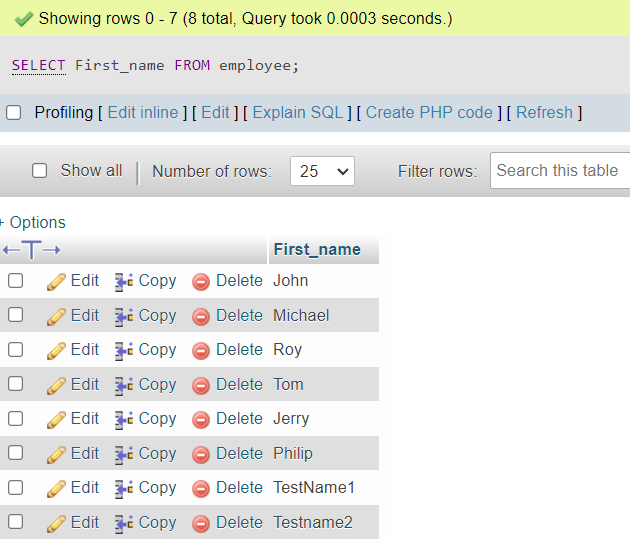
Output:-



Query find:-

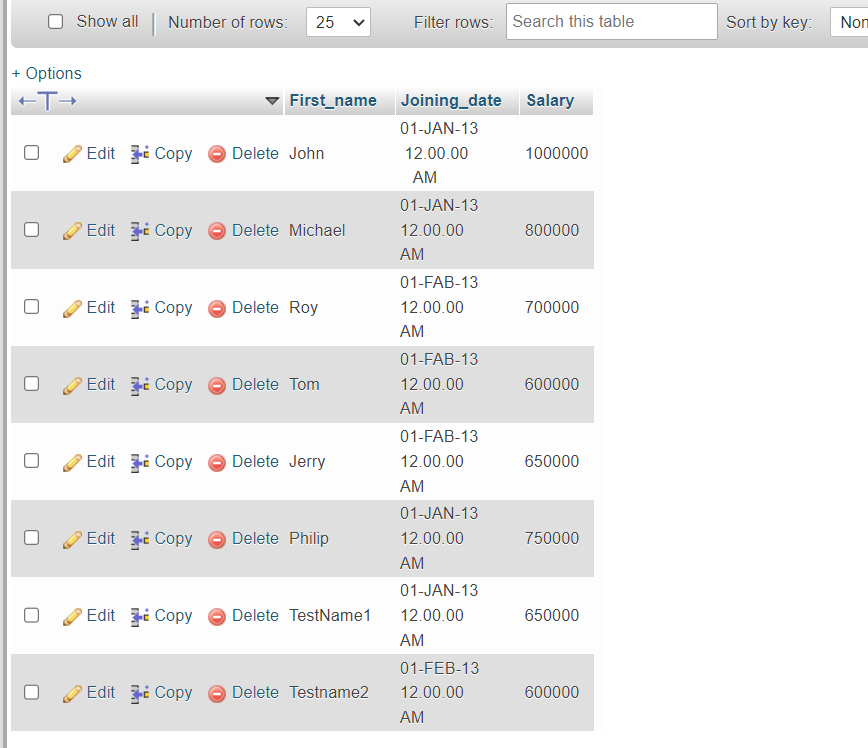
A -> Get First\_Name from employee table using all name “Employee Name”?

Ans-> SELECT First\_name FROM employee;



B -> Get FIRST\_NAME, Joining Date, and Salary from employee table?

Ans -> SELECT First\_name,Joining\_date,Salary FROM `employee`;



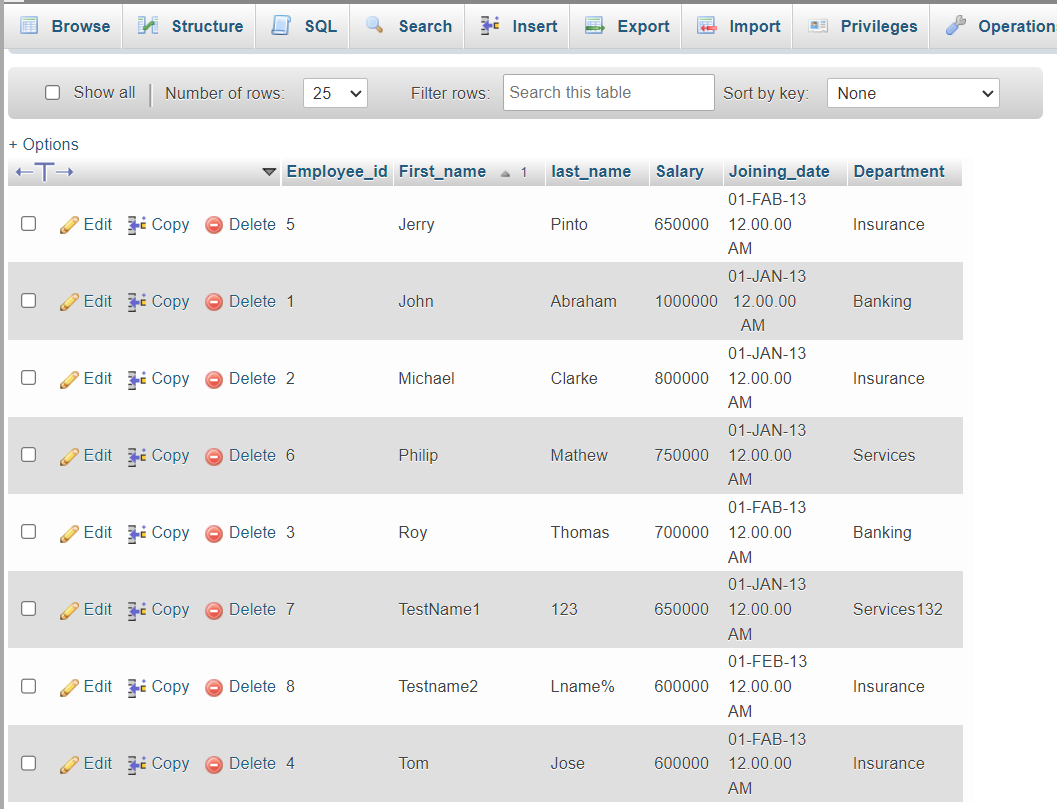
C -> Get all employee details from the employee table order by First\_Name

Ascending and Salary descending?

Ans -> First\_name Ascending:-

SELECT \* FROM employee

ORDER BY First\_name ASC;



=> Salary descending:-

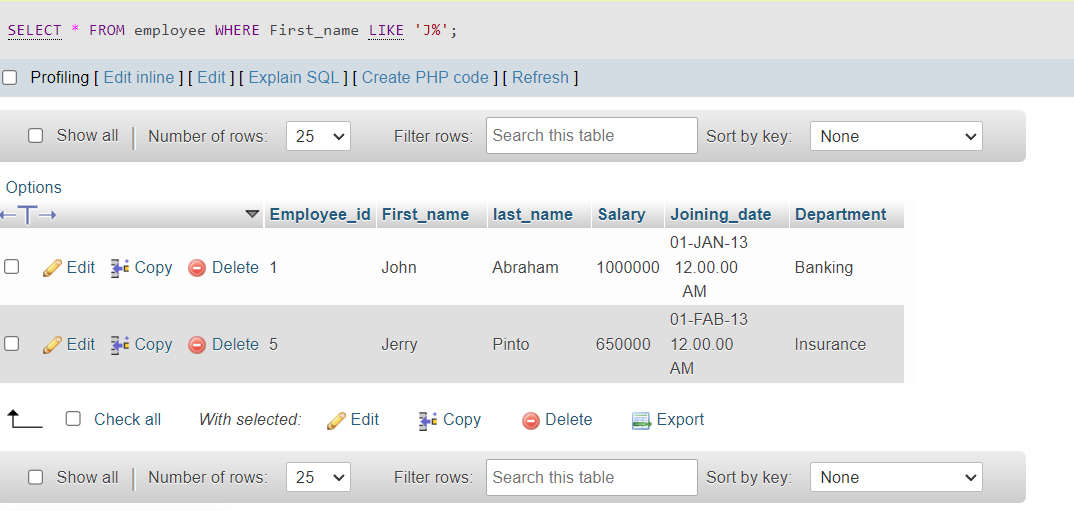
SELECT \* FROM employee

ORDER BY Salary DESC;



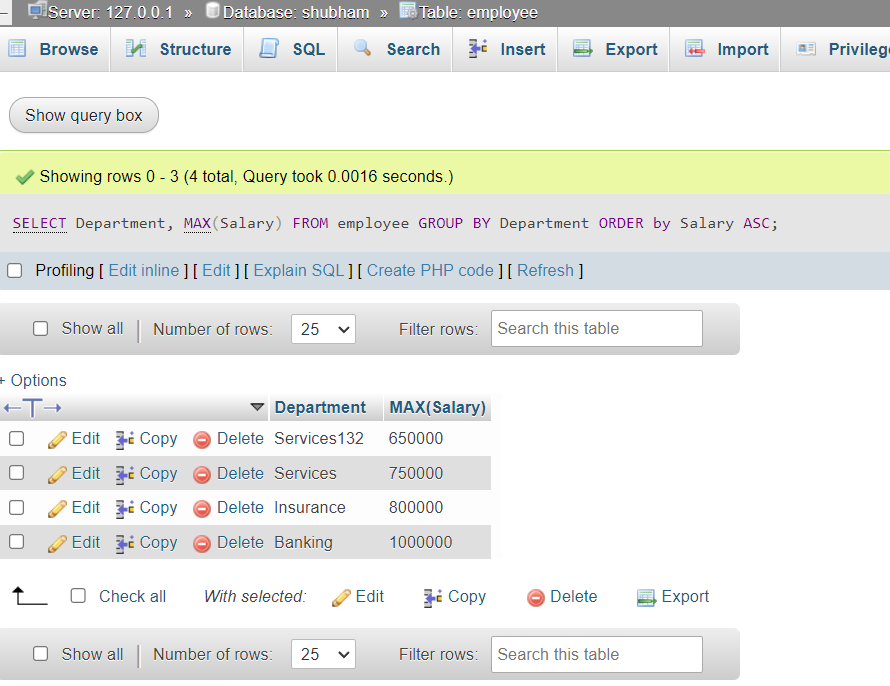
D -> Get employee details from employee table whose first name contains ‘J’?

Ans-> SELECT \* FROM employee WHERE First\_name LIKE 'J%';



E -> Get department wise maximum salary from employee table order by salary ascending?

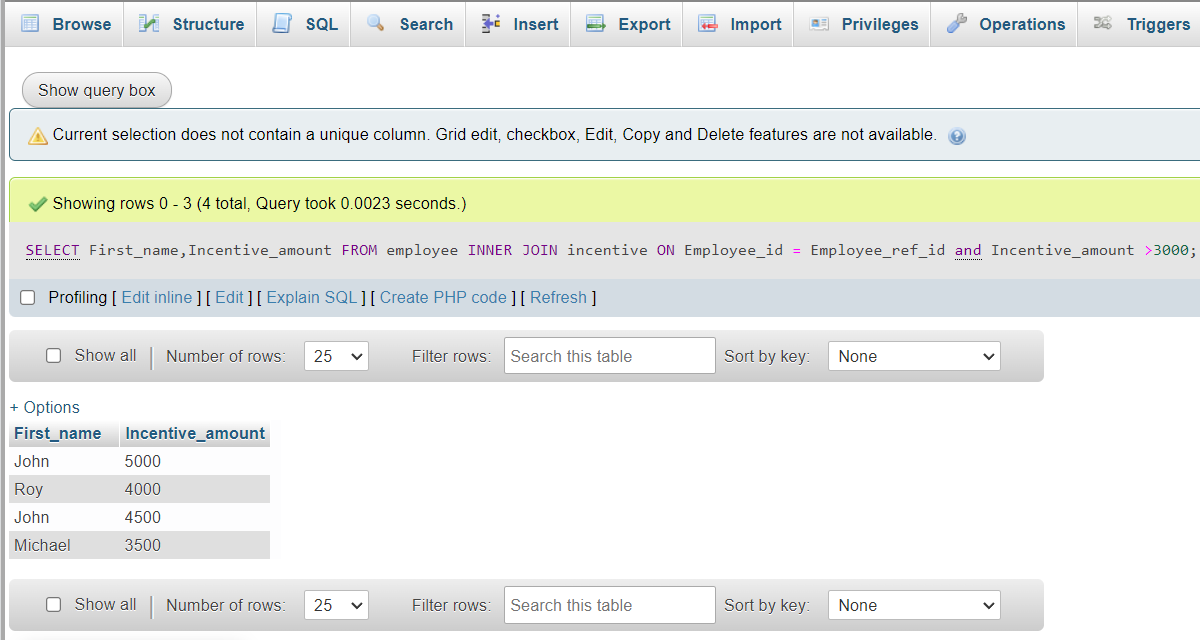
Ans-> SELECT Department, MAX(Salary) FROM employee GROUP BY Department ORDER by Salary ASC;



F -> Select first\_name, incentive amount from employee and incentives table for those employees who have incentives and incentive amount greater than 3000?

Ans -> SELECT First\_name,Incentive\_amount FROM employee

INNER JOIN incentive ON Employee\_id = Employee\_ref\_id and Incentive\_amount >3000;



G-> Create After Insert trigger on Employee table which insert records in view

table?

CREATE TABLE t\_view

(

Employee\_id int(200) AUTO\_INCREMENT PRIMARY KEY,

First\_name varchar(200),

last\_name varchar(200),

Salary int(200),

Joining\_date varchar(200),

Department varchar(200),

date\_time timestamp,

action\_required varchar(200)

)

trigger:-

DELIMITER $$

CREATE TRIGGER t\_view AFTER INSERT ON employee FOR EACH ROW

BEGIN

INSERTINTOt\_view(Employee\_id,First\_name,last\_name,Salary,Joining\_date,Department,action\_required)

VALUES(new.Employee\_id,new.First\_name,new.last\_name,new.Salary,new.Joining\_date,new.Department,'rec\_inserted..!');

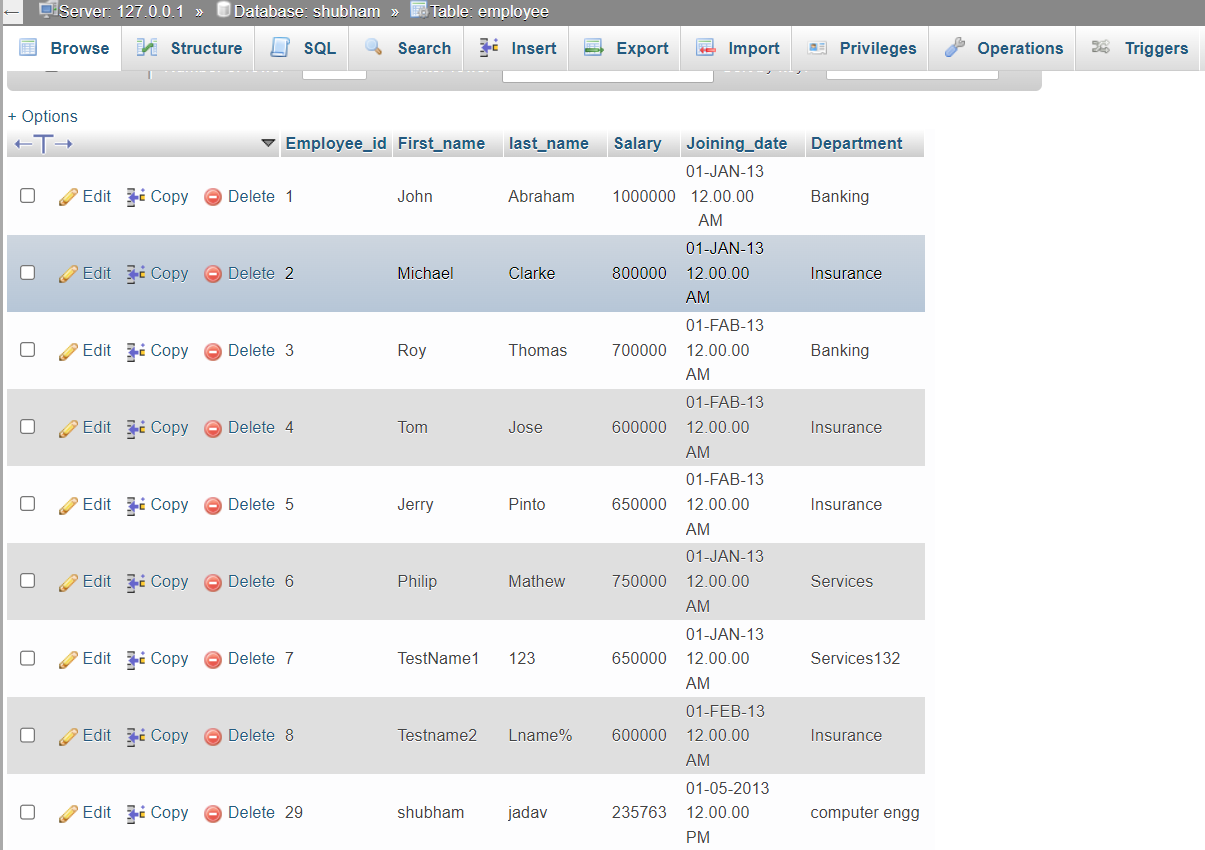
END

$$

Output:

After trigger create and then insert data form table

Employee table insert new data from table:-



T\_view table insert new data is show date\_time and action is show new result:-

