PHP ASSIGNMENT

TOPIC – SQL TASK 1

TABLE: - EMPLOYEE

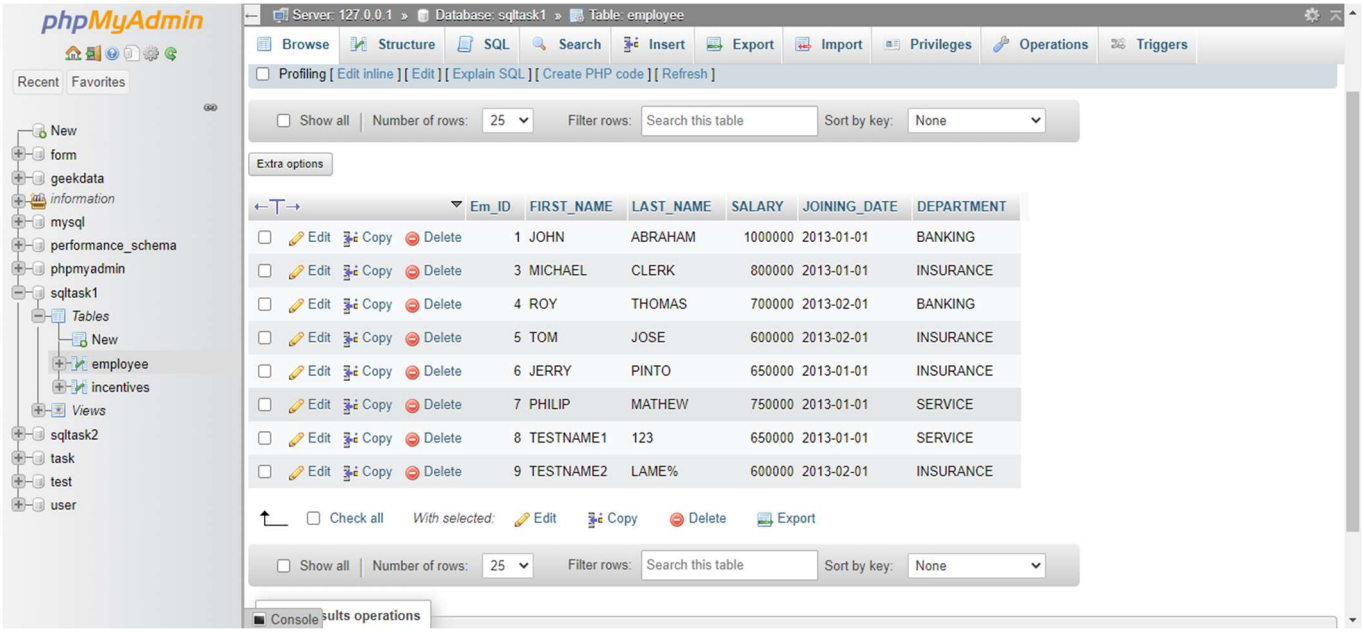
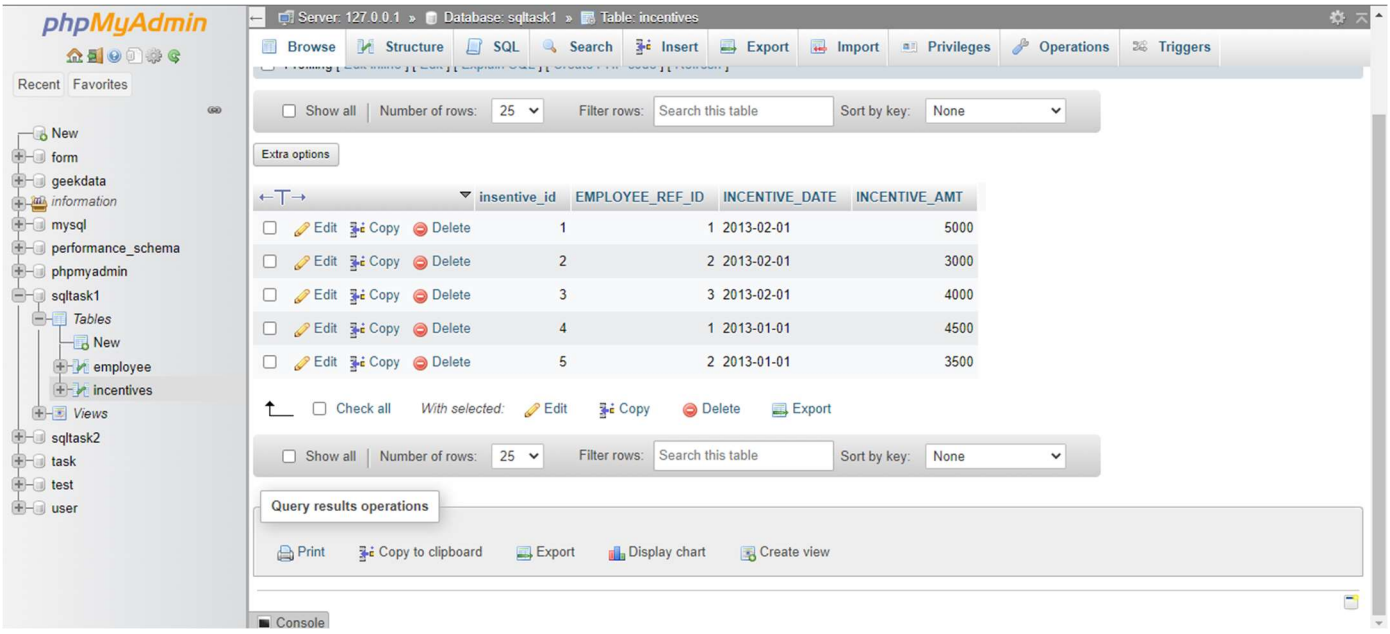
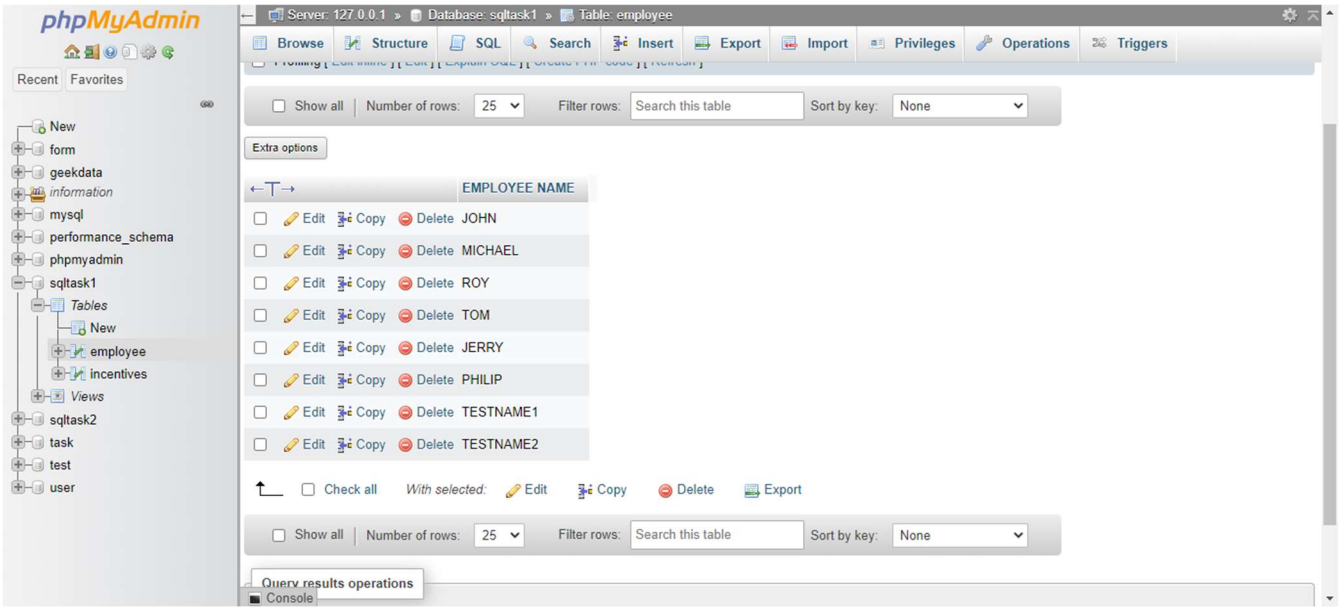


TABLE: - INCENTIVES



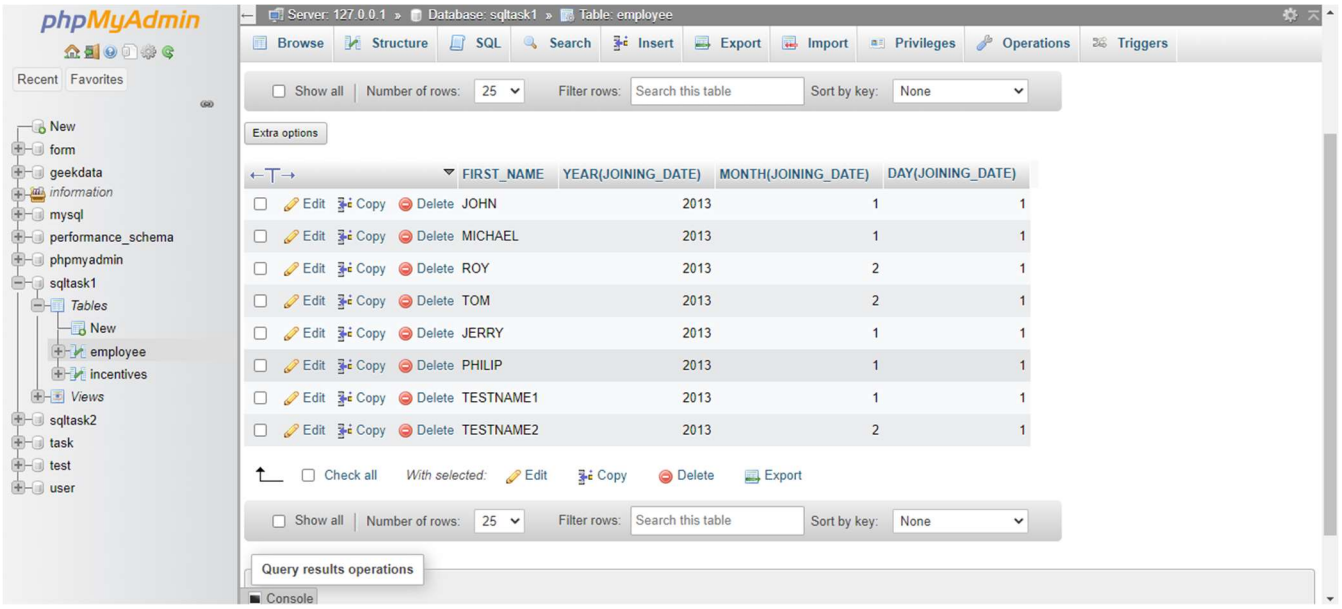
A) Get First_Name from employee table using alias name “Employee Name”.

Ans: - SELECT FIRST_NAME AS "EMPLOYEE NAME" FROM employee;



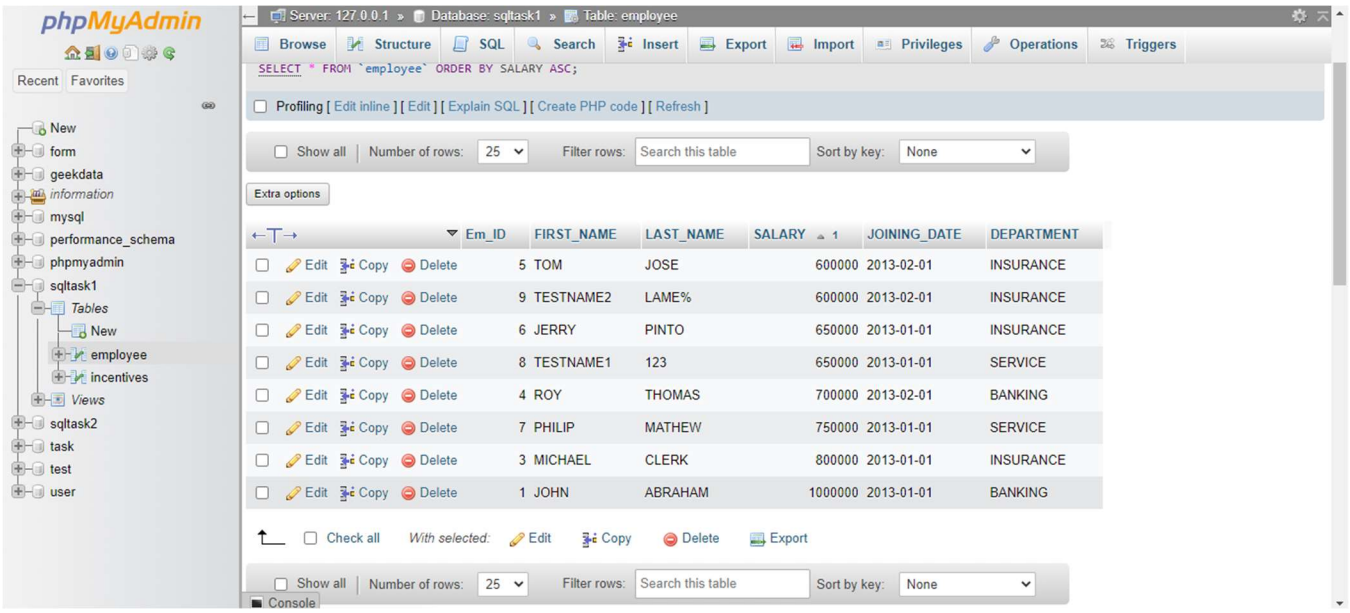
B) Get FIRST_NAME, Joining year, Joining Month and Joining Date from employee table.

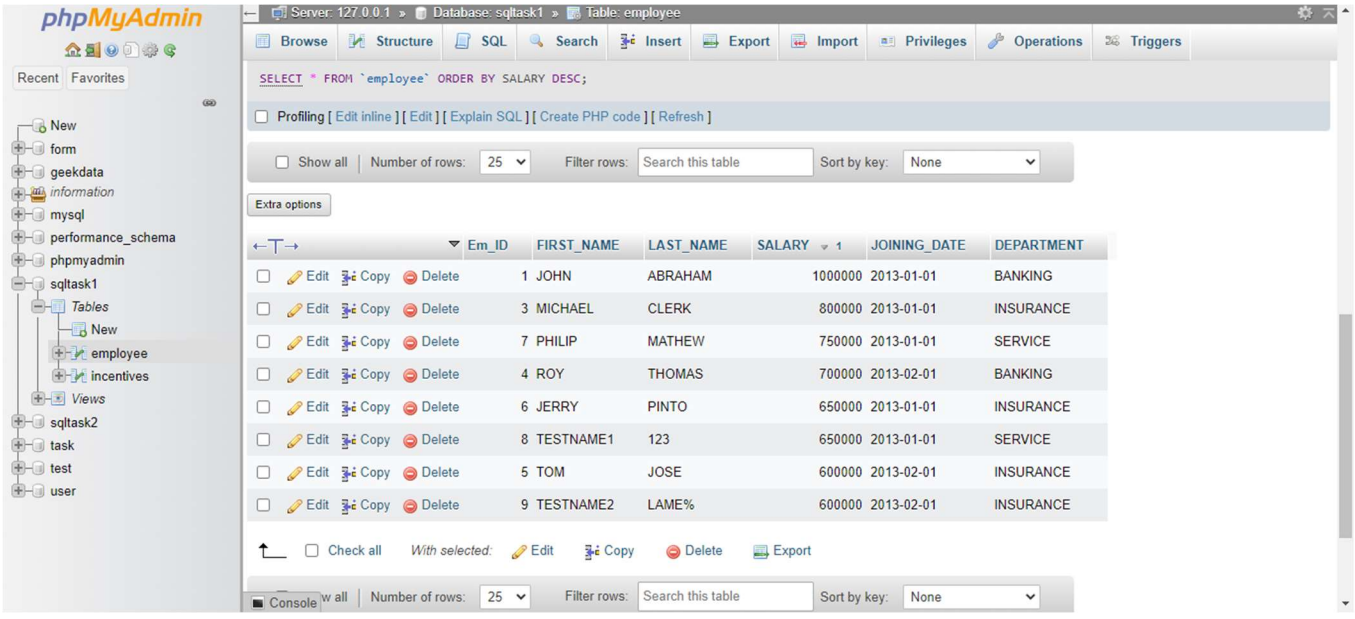
Ans: - SELECT FIRST_NAME, YEAR(JOINING_DATE), MONTH(JOINING_DATE) DAY(JOINING_DATE) FROM employee WHERE 1;



C) Get all employee details from the employee table order by First Name Ascending And Salary descending?

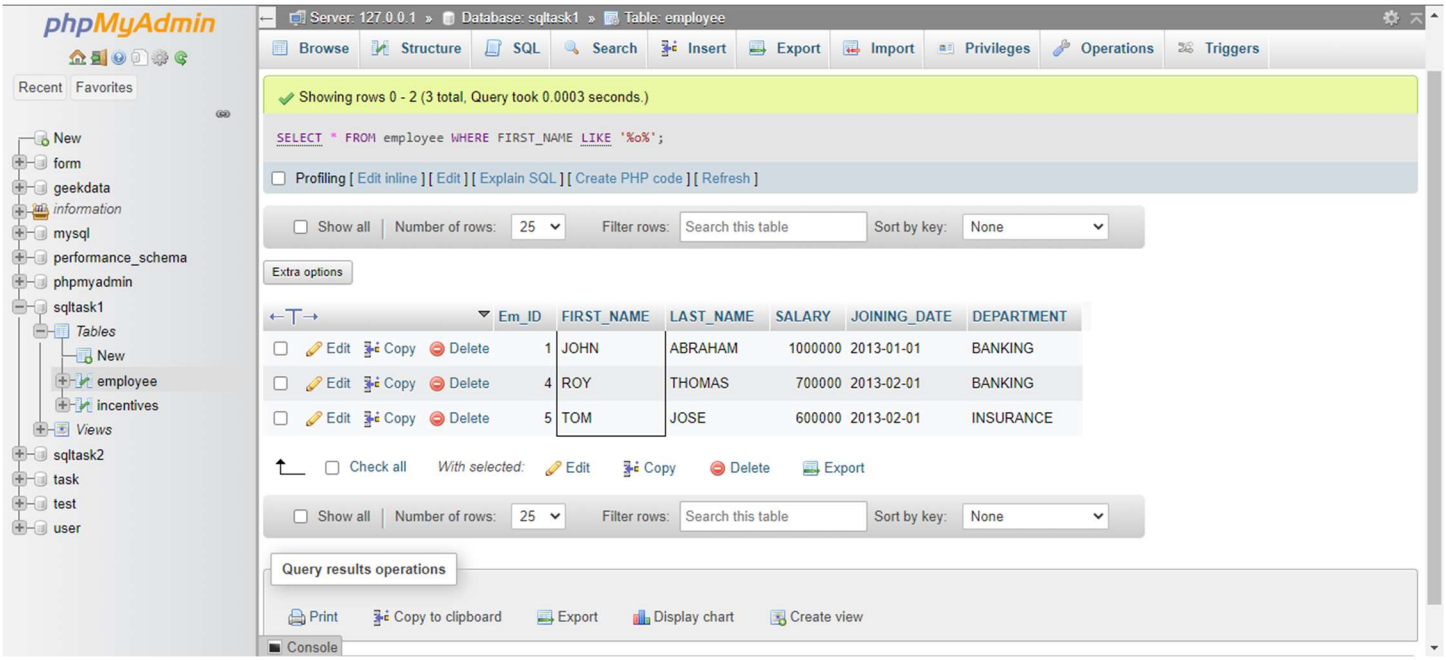
Ans: - SELECT * FROM `employee` ORDER BY SALARY ASC;
SELECT * FROM `employee` ORDER BY SALARY DESC;





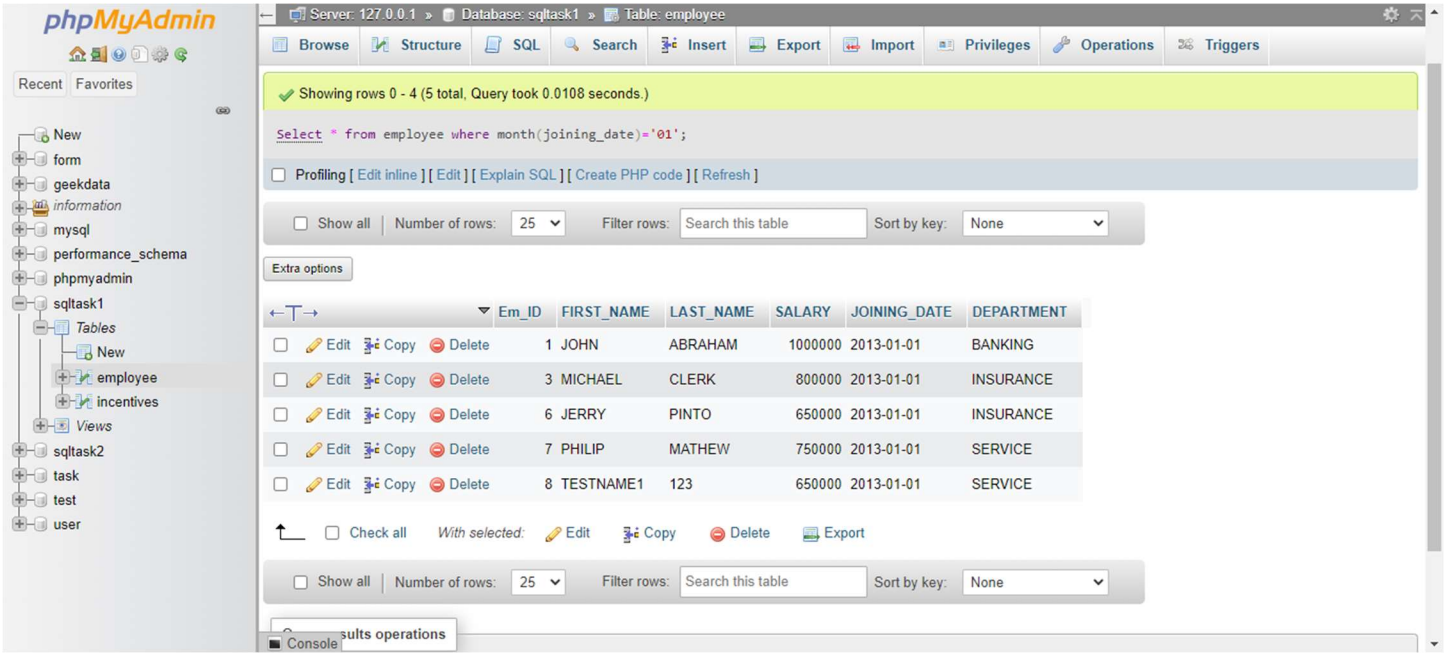
D) Get employee details from employee table whose first name contains „o“.

Ans: - SELECT * FROM employee WHERE FIRST_NAME LIKE '%o%';



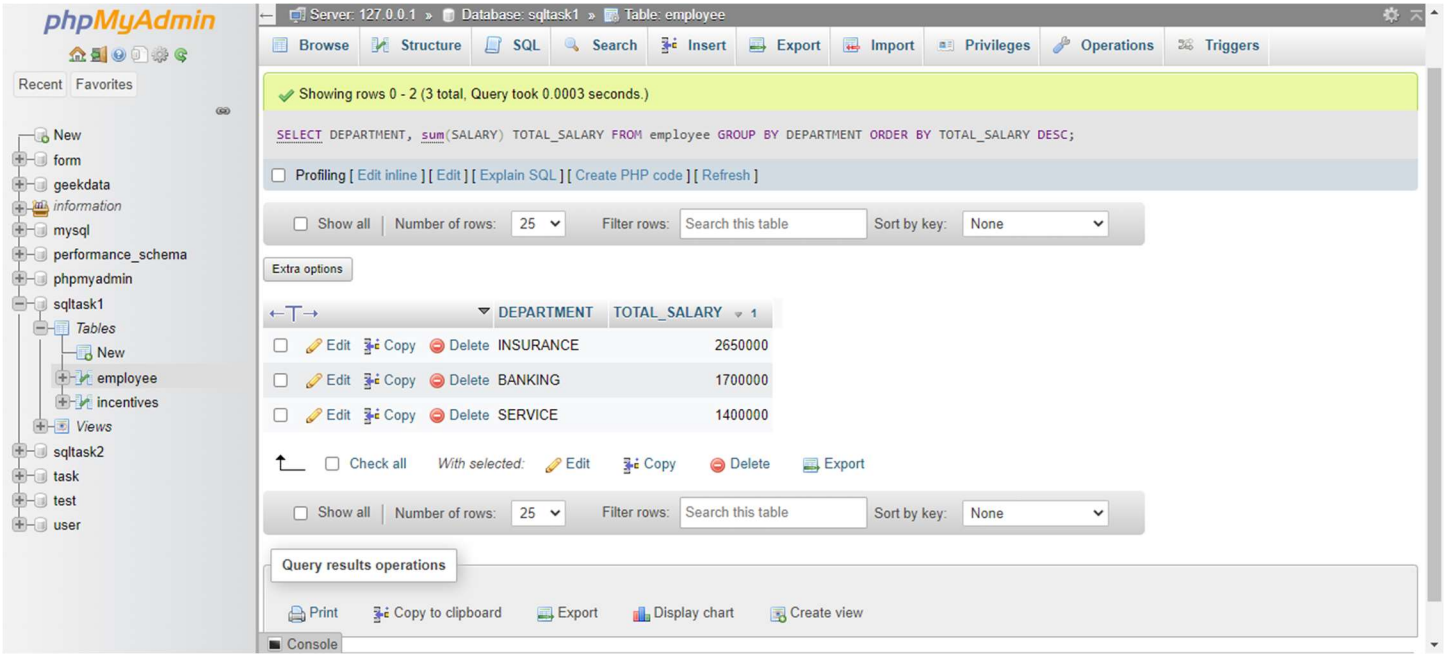
E) Get employee details from employee table whose joining month is “January”.

Ans: - Select * from employee where month(joining_date)='01'



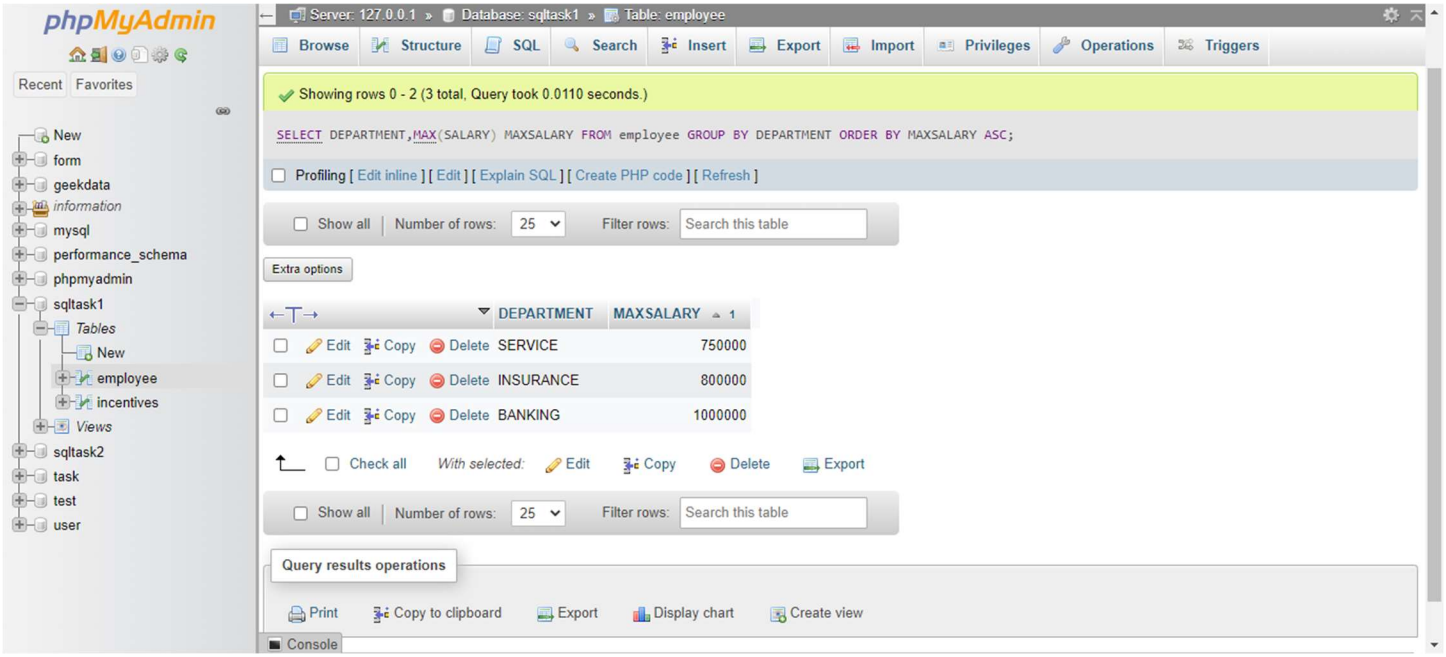
F) Get department, total salary with respect to a department from employee table Order By total salary descending.

Ans: - SELECT DEPARTMENT, sum(SALARY) TOTAL_SALARY
FROM employee GROUP BY DEPARTMENT
ORDER BY TOTAL_SALARY DESC;



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

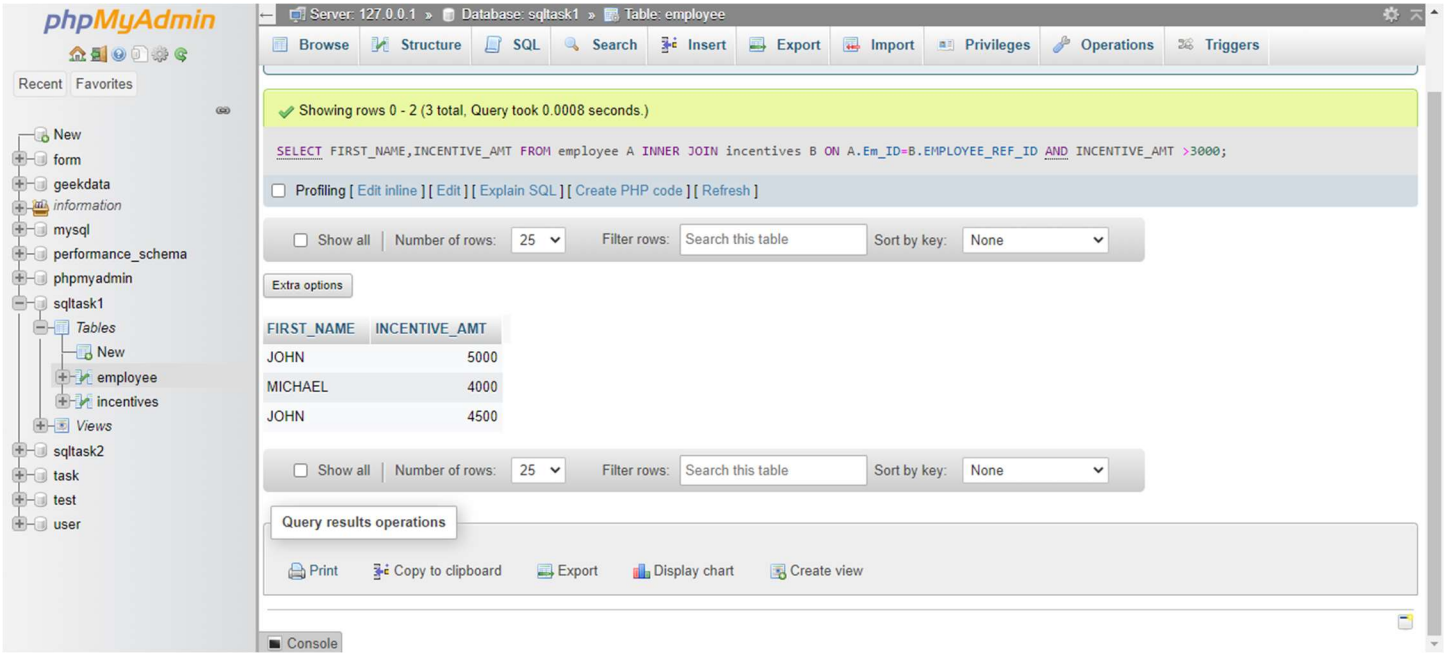
Ans: - SELECT DEPARTMENT,MAX(SALARY) MAXSALARY
FROM employee GROUP BY DEPARTMENT ORDER BY MAXSALARY ASC;



H) Select first_name, incentive amount from employee and incentives table for those

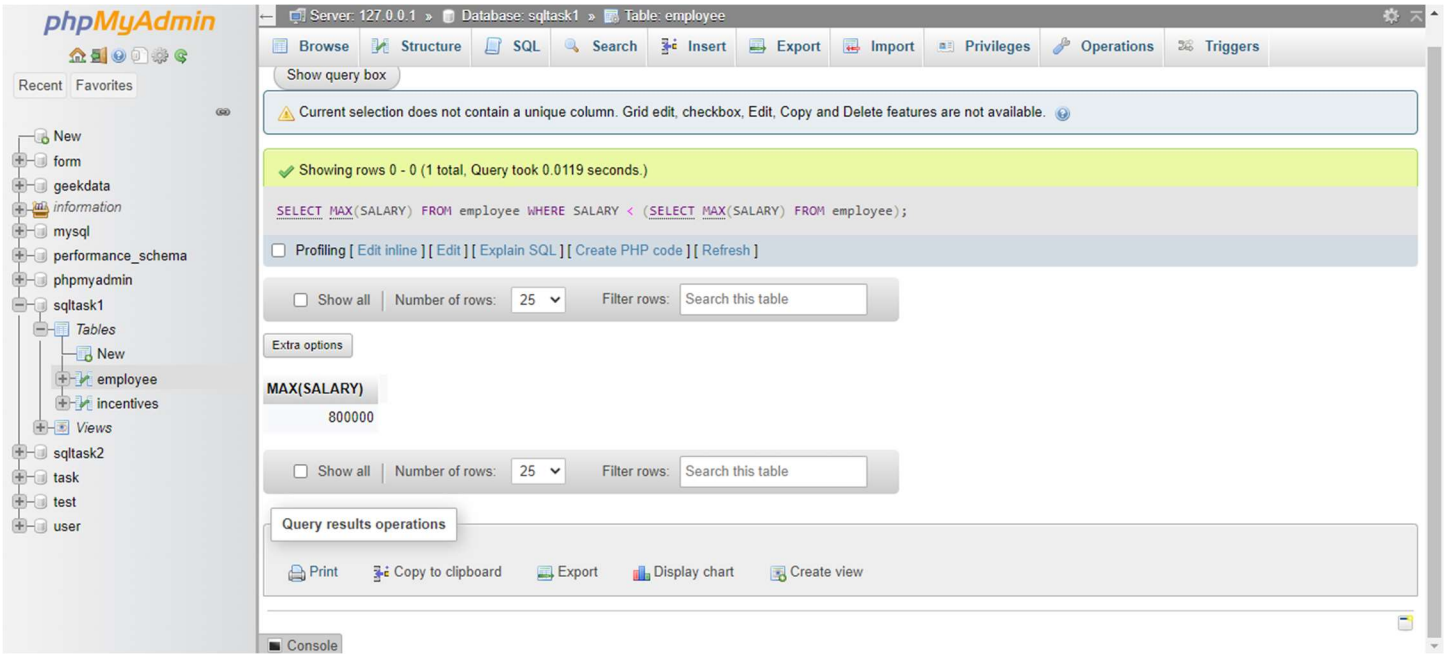
Employees who have incentives and incentive amount greater than 3000

Ans: - SELECT FIRST_NAME,INCENTIVE_AMT FROM employee A INNER JOIN incentives B ON A.Em_ID=B.EMPLOYEE_REF_ID AND INCENTIVE_AMT >3000;



I) Select 2nd Highest salary from employee table.

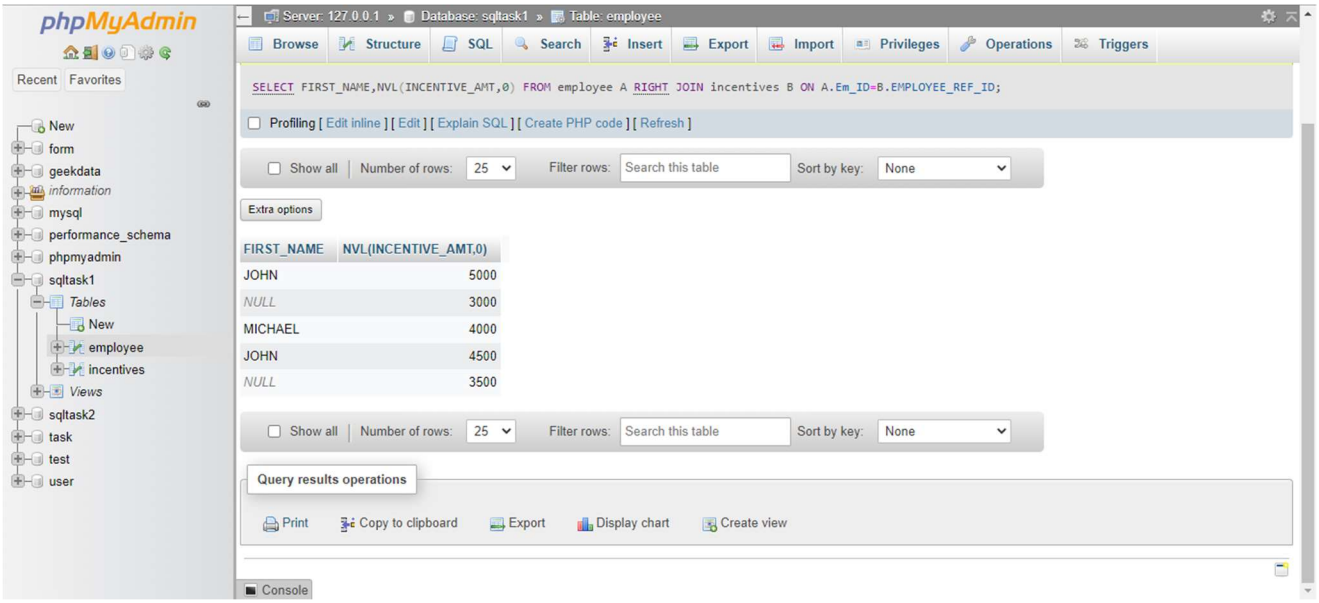
Ans: - SELECT MAX(SALARY) FROM employee WHERE SALARY < (SELECT MAX(SALARY) FROM employee);



J) Select first_name, incentive amount from employee and incentives table for all

Employees who got incentives using left join.

Ans: - SELECT FIRST_NAME,NVL(INCENTIVE_AMT,0) FROM employee A RIGHT JOIN incentives B ON A.Em_ID=B.EMPLOYEE_REF_ID;



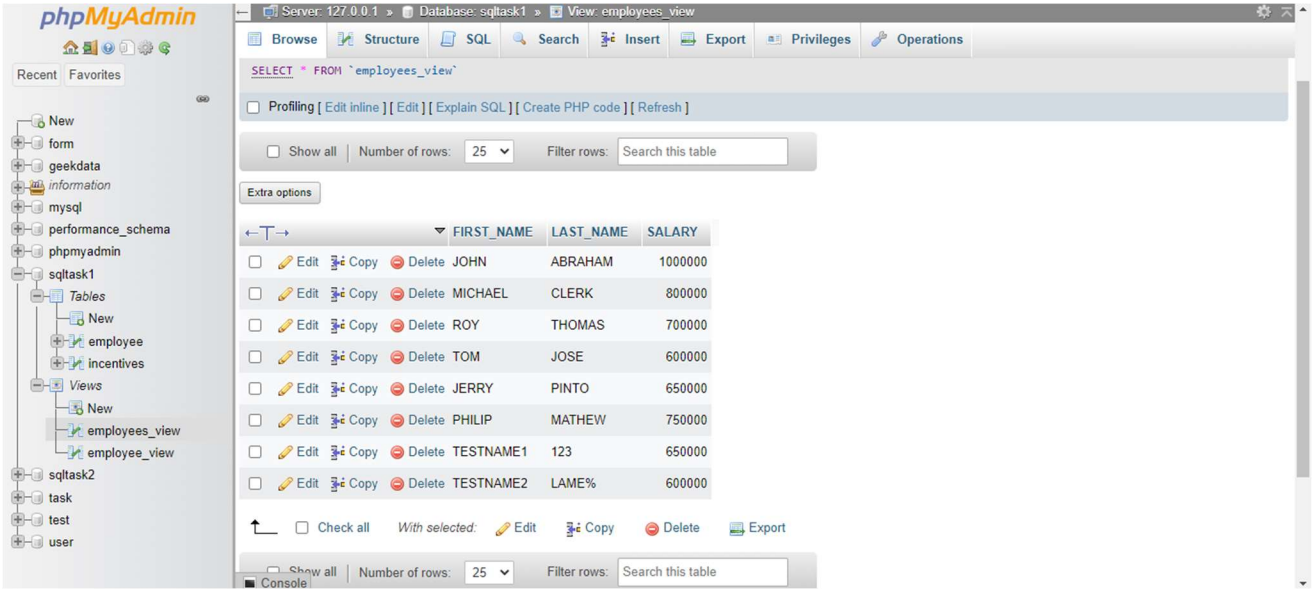
K) Create View OF Employee table in which store first name, last name and salary

only.

Ans: - CREATE VIEW employees_view AS

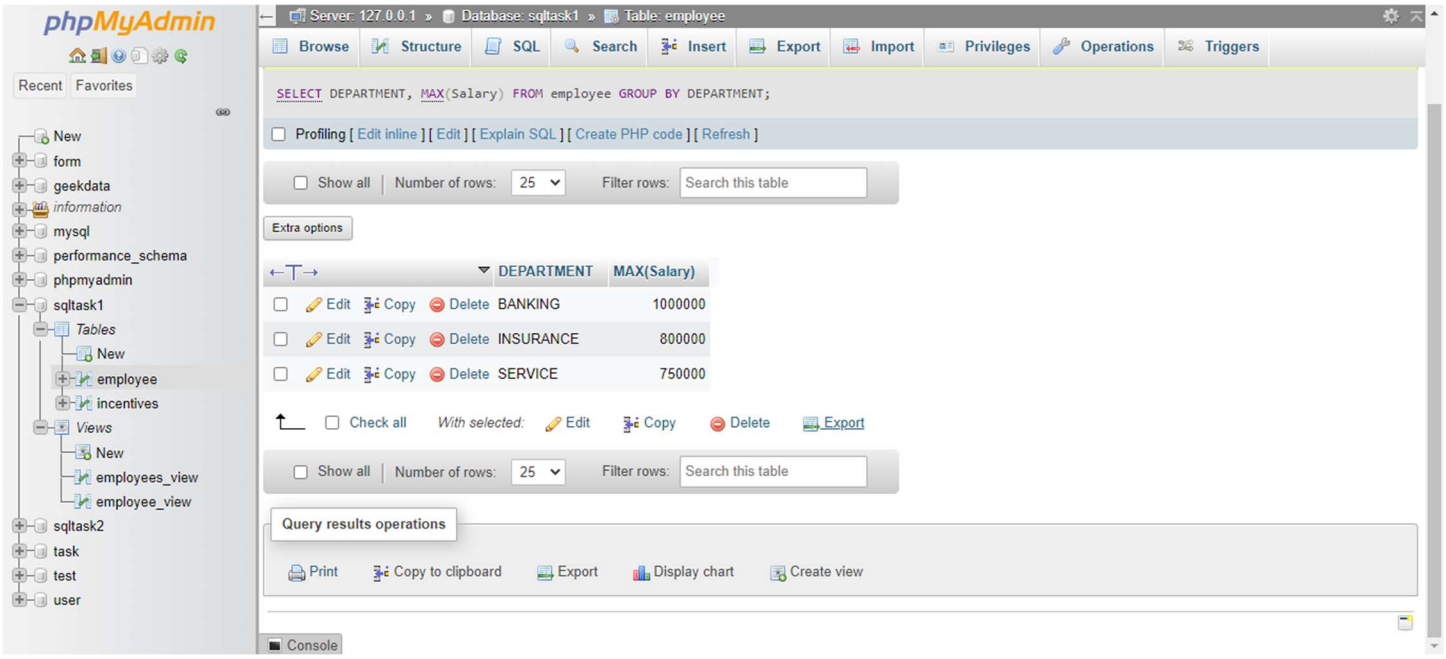
SELECT FIRST_NAME,LAST_NAME,SALARY

FROM employee ; SELECT FIRST_NAME,LAST_NAME,SALARY FROM employees_view;



L) Create Procedure to find out department wise highest salary.

Ans: - SELECT DEPARTMENT, MAX(Salary)
FROM employee
GROUP BY DEPARTMENT;



Create after Insert trigger on Employee table which insert records in view table.