# DBMS Lab

## Assignment

Sub Code: CSE-227

## Vivek Kumar Ahirwar 191112419 CSE - 3

# Department of Computer Science and Engineering

Under Guidance of: Dr. Sweta Jain & Dr. Nikhil Kumar Singh



Maulana Azad
National Institute of Technology,
BHOPAL – 462 003 (INDIA)

#### MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY

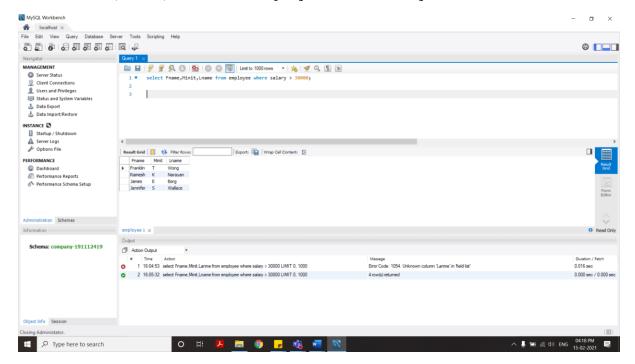
**Date:** 15/02/2021

Subject	DBMS LAB	Session: Jan- 2021
Sub. Code:	CSE-227	Semester: IV (CSE)
Name of Teacher	Dr. Sweta Jain, & Dr. Nikhil Kumar Singh	

#### **DBMS: LAB-ASSIGNMENT 15-02-2021**

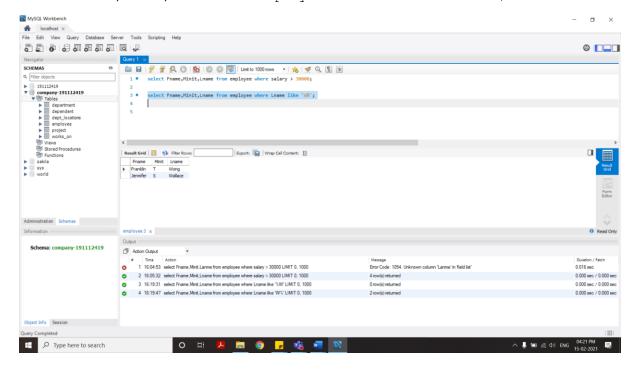
#### Query 1:- Get the name of employees who earn a salary of more than 30000\$.

select Fname, Minit, Lname from employee where salary > 30000;



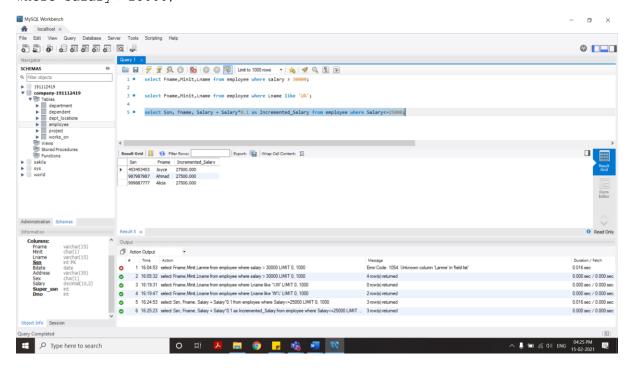
#### Query 2: Get the name of the employee whose last name begins with 'W'

select Fname,Minit,Lname from employee where Lname like 'W%';



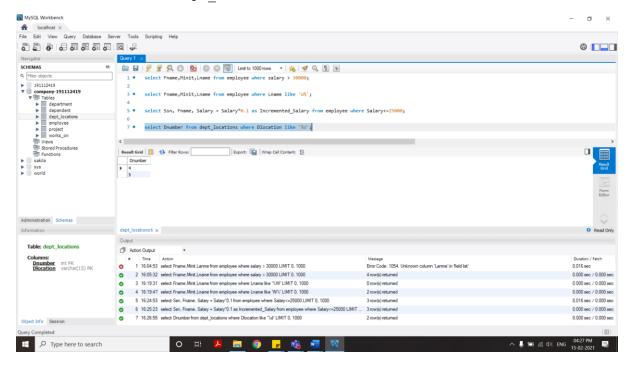
## Query3: - If the Company wants to give increment to those employees who earn less than 25000\$ by 10%, then get the increment amount of salary.

select Ssn, Fname, Salary + Salary\*0.1 as Incremented\_Salary from employee
where Salary<=25000;</pre>



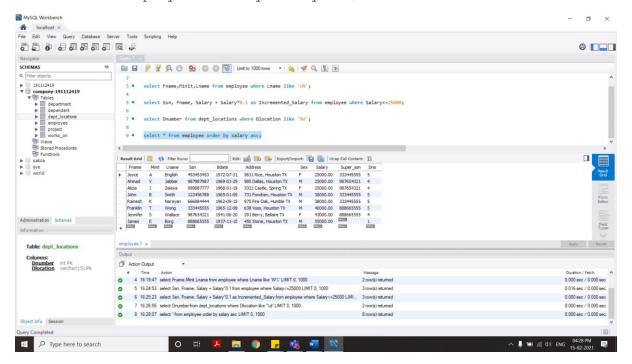
#### Query 4: Get the department number whose belongs to a location that name end with 'D'

select Dnumber from dept locations where Dlocation like '%d';



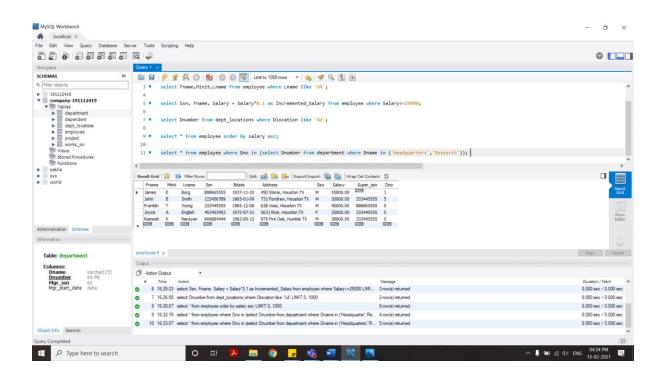
#### Query 5: Get the detail of employee in sorted form according to their salary in increasing order.

select \* from employee order by salary asc;



## Query 6: Get the details of employee who works in the headquarters and research department. (By using IN clause)

select \* from employee where Dno in (select Dnumber from department where
Dname in ('Headquarters','Research'));



#### All Sql Queries:

```
select Fname,Minit,Lname from employee where salary > 30000;
```

select Fname, Minit, Lname from employee where Lname like 'W%';

select Ssn, Fname, Salary + Salary\*0.1 as Incremented\_Salary from employee
where Salary<=25000;</pre>

select Dnumber from dept locations where Dlocation like '%d';

select \* from employee order by salary asc;

select \* from employee where Dno in (select Dnumber from department where
Dname in ('Headquarters','Research'));