Institute of computer technology

B.Tech-CSE(BDA)

Name:- Shaikh Anik

Sem:-3

Enrollment no.:-23162121021

Batch:-31

Sub:-DBMS

Date:-14/8/24

Practical 5

Q:- 1) How many employees are there in each department?

2) Find out total number of job role assigned in each department.

3) Find out employee’s names and salary whose having salary more than 2000.

(Duplication in employee name should be removed)

4) Find out number of employees hired after 03rd April 1991.

5) lists the number of employees in each job role, sorted high to low.

6) lists the number of employees in each department. Only include department with

more than 3 employees in each.

7) Display the total amount of the salary on each department.

8) Count total number of employees assigned in each department whose name end

with “n”.

9) Find out total number of employees having "a" as a character in their name in

each department.

10) Find out total number of employees having salary more than average salary of

all the employee in each department.

11)Display total number of employees in each department whose department

having more than 2 employees also display department id in descending order.

12) Display department wise average salary of employee.

13)Display department id of the employee along with salary whose salary is

maximum in respective department.

14)Display department id of the employee along with salary whose salary is

minimum in respective department.

A=> Query:- use bda\_23162121021;

create table employees (emp\_id int, emp\_name varchar(20), job\_name varchar(20), hire\_date date, salary decimal(10, 2), dep\_id int);

show variables like 'secure\_file\_priv';

show variables like 'local\_infile';

show global variables like 'local\_infile';

show session variables like 'local\_infile';

load data infile 'd:\\d\_drive\\practicals\\sem 3\\[2024] dbms - 2023 batch\\emp\_mstr.csv'

into table employees

fields terminated by ','

enclosed by '"'

lines terminated by '\n'

ignore 1 rows;

1)select dep\_id, count(emp\_id) as employee\_count from employees group by dep\_id;

2)select dep\_id, count(distinct job\_name) as job\_role\_count from employees group by dep\_id;

3)select distinct emp\_name, salary from employees where salary > 2000;

4)select count(emp\_id) as employee\_count from employees where hire\_date > '1991-04-03';

5)select job\_name, count(emp\_id) as employee\_count from employees group by job\_name order by employee\_count desc;

6)select dep\_id, count(emp\_id) as employee\_count from employees group by dep\_id having count(emp\_id) > 3;

7)select dep\_id, sum(salary) as total\_salary from employees group by dep\_id;

8)select dep\_id, count(emp\_id) as employee\_count from employees where emp\_name like '%n' group by dep\_id;

9)select dep\_id, count(emp\_id) as employee\_count from employees where emp\_name like '%a%' group by dep\_id;

10)select dep\_id, count(emp\_id) as employee\_count from employees e1 where salary > (select avg(salary) from employees e2 where e2.dep\_id = e1.dep\_id) group by dep\_id;

11)select dep\_id, count(emp\_id) as employee\_count from employees group by dep\_id having count(emp\_id) > 2 order by dep\_id desc;

12)select dep\_id, avg(salary) as average\_salary from employees group by dep\_id;

13)select dep\_id, max(salary) as max\_salary from employees group by dep\_id;

14)select dep\_id, min(salary) as min\_salary from employees group by dep\_id;

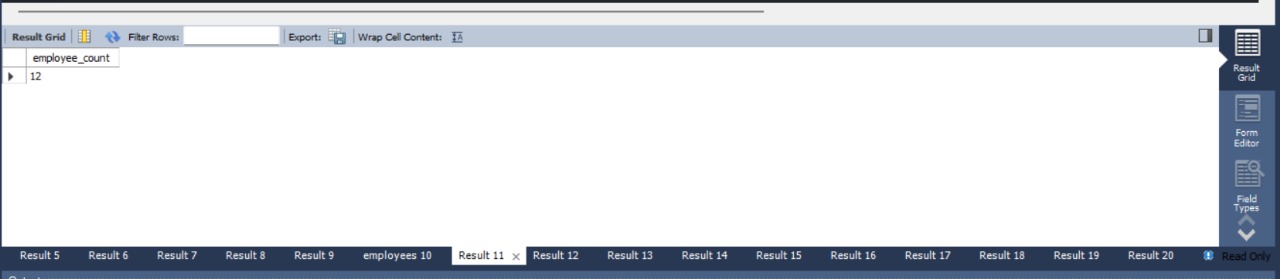
Screenshot:-

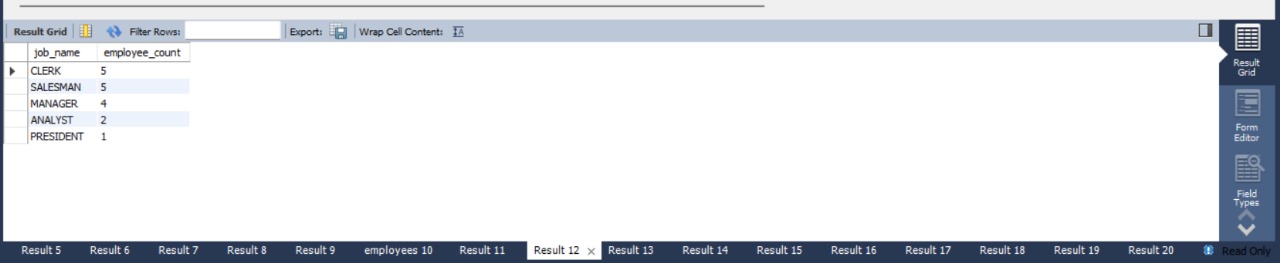
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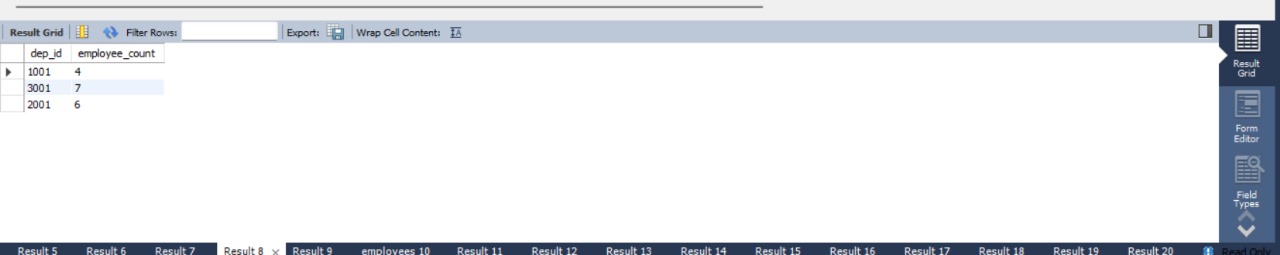
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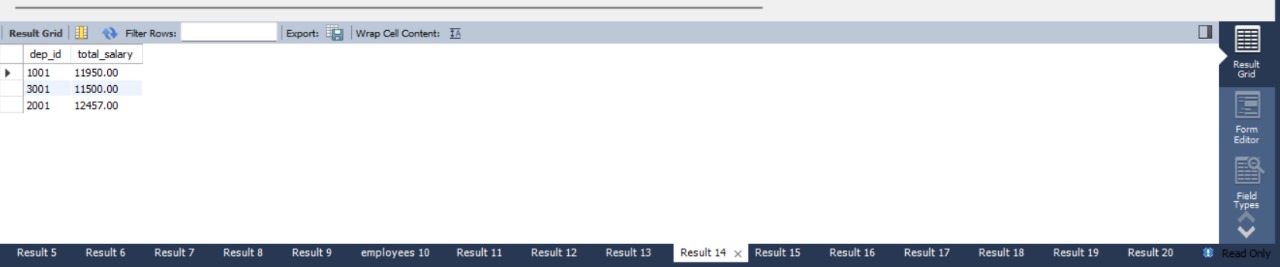
3

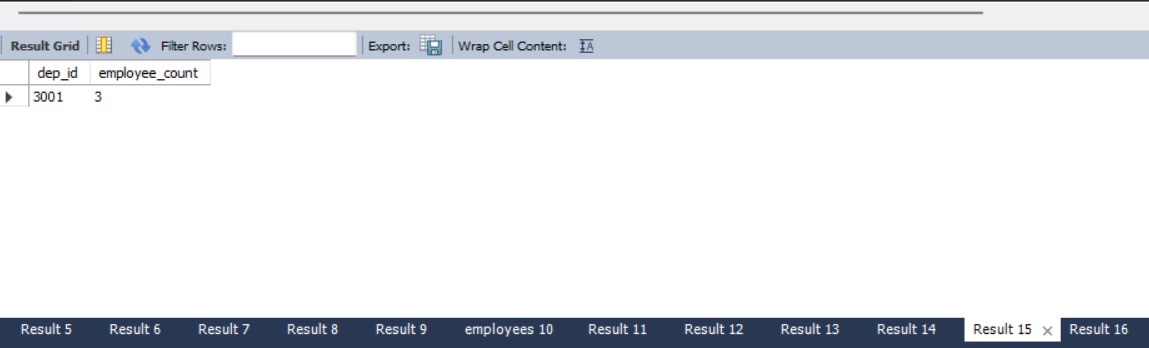


4

5 

6

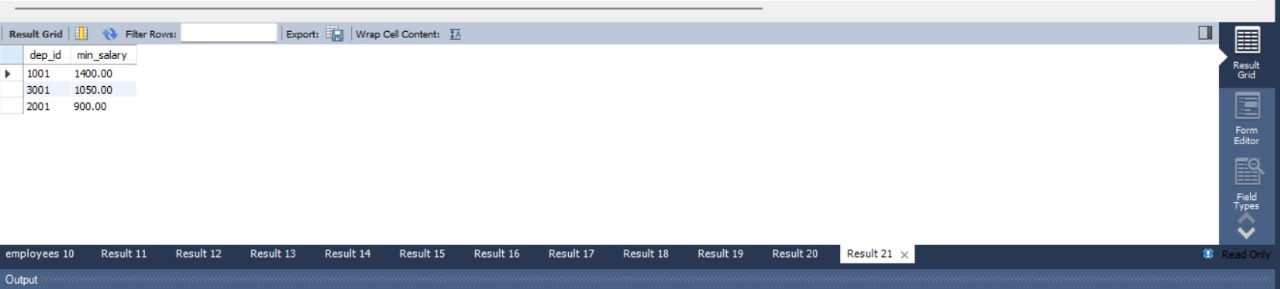
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Action logs:-