#### Assignment 2

### Create a Databse name entri\_assignment

#### Create a Table with name departments

```
mysql> show tables;

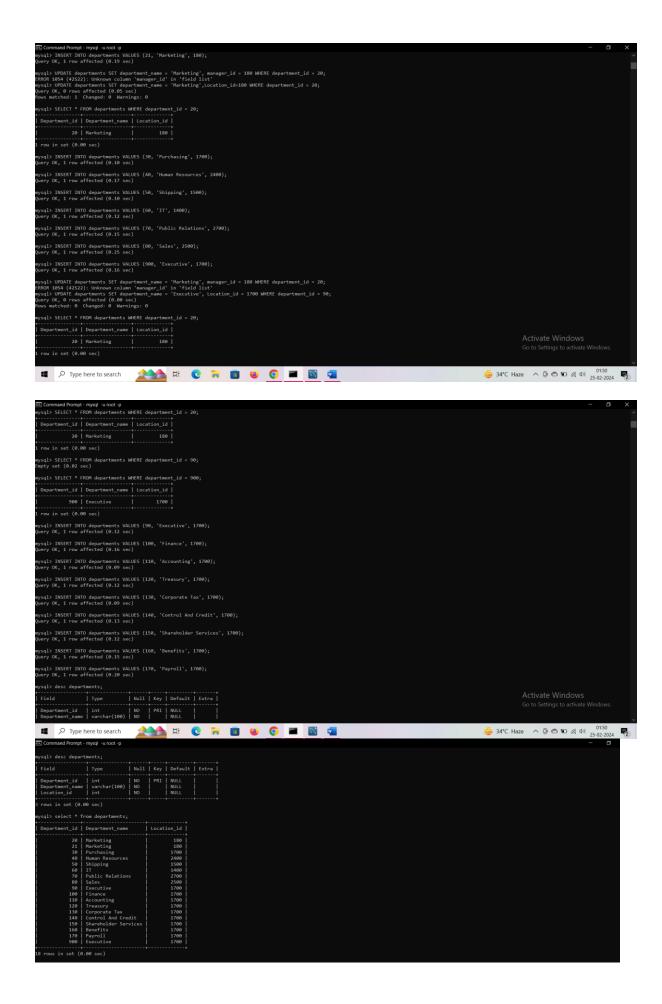
| Tables_in_entri_essignment |
| departments |
| employees |
```

#### Create a Table with name employees

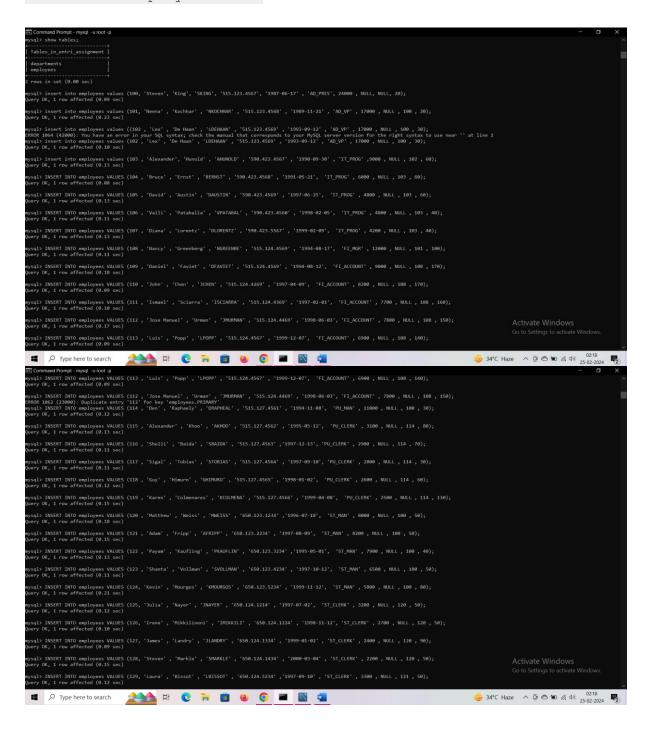
```
mysql> create table employees(Employee_id int primary key not null ,first_name varchar(50) not null,last_name varchar(50) not null, email varchar(50) not null,phone_number varchar(20) not null,hire_date date not null, job_id varchar(50) not null, salary int not null, commission_pct int, manager_id int, department_id int not null, foreign key (department_id) references departments(Department_id) );

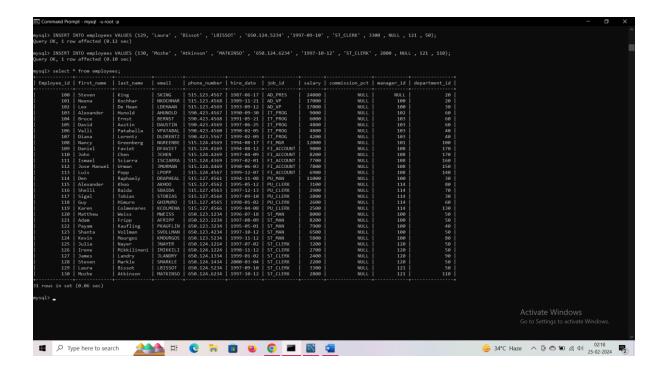
Query OK, 0 rows affected (0.62 sec)
```

Insert insto Departments table



#### Insert into Employees table





1. Select employees first name, last name, job\_id and salary whose first name starts with alphabet S



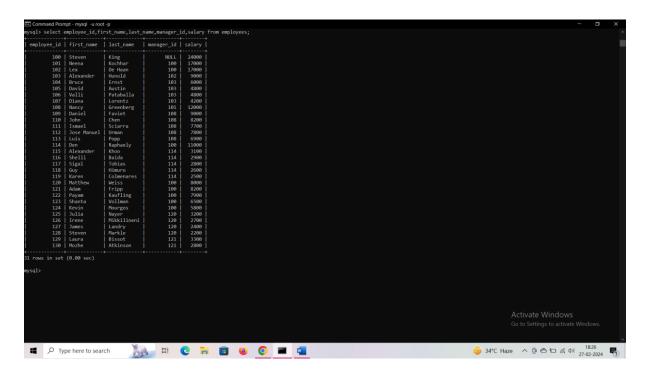
2. Write a query to select employee with the highest salary (using an inner query)



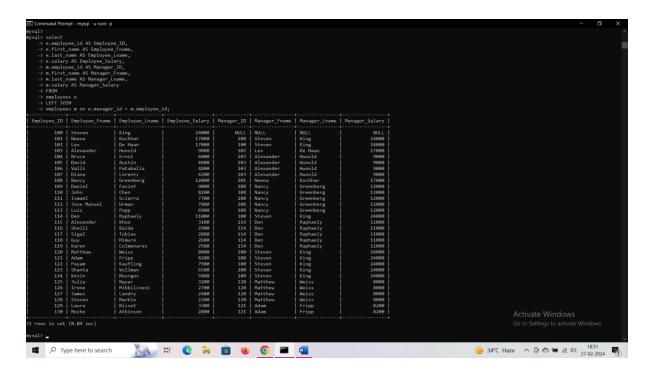
3. Select employee with the second highest salary



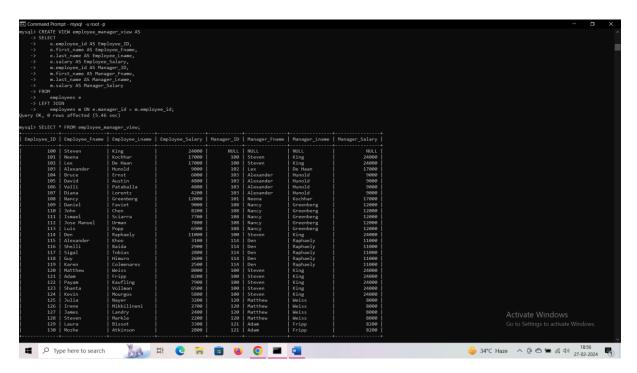
4. Write a query to select employees and their corresponding managers and their salaries



5. Write a query to select employees and their corresponding managers and their salaries (SELF Join)



6. Create a view for the above query



7. Write a query to show the count of employees under each manager in descending order (from view)



```
| Scient | S
```

9. Get the count of employees hired year wise

10 . create a stored procedure to get the "  $\mbox{Get}$  the count of employees hired in the input year"(IN year , OUT count)

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```

11. Select the employees whose first\_name contains "an"

Ployee_id   First_name   last_name   email   phone_number   hire_date   job_id   salary   commission_pct   manager_id   department_id	1> SELECT * -> FROM emp -> WHERE fi	loyees rst name LIKE	'%an%';									
103 Alexander Hunold AHUBOLD 598.423.4557 1999-89-30 IT_PBOS 9980 1 NULL 102 60 107 108 108 108 108 108 108 108 108 108 108	ployee_id	first_name	last_name	email	phone_number	hire_date	job_id	salary	commission_pct	manager_id	department_id	
	107   108   109   112   115	Alexander Diana Nancy Daniel Jose Manuel Alexander	Hunold Lorentz Greenberg Faviet Urman Khoo	AHUNOLD DLORENTZ NGREENBE DFAVIET JMURMAN AKHOO	590.423.4567   590.423.5567   515.124.4569   515.124.4169   515.124.4469   515.127.4562	1990-09-30   1999-02-09   1994-08-17   1994-08-12   1998-06-03   1995-05-12	IT_PROG IT_PROG FI_MGR FI_ACCOUNT FI_ACCOUNT PU_CLERK	9000   4200   12000   9000   7800   3100	NULL NULL NULL NULL NULL NULL	102 103 101 108 108 114	60 40 100 170 150 80	

12. Select employee first name and the corresponding phone number in the format (\_ \_ \_)-(\_ \_ \_)-(\_ \_ \_)

13. Find the employees who joined in August, 1994.

```
Command Prompt - myxql - uroot :p

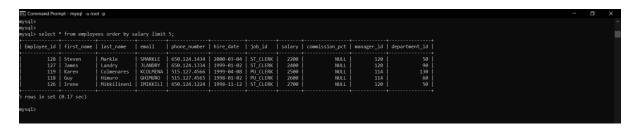
31 rows in set (2.14 sec)

myxsql > select concat(first_name,' ',last_name) AS Employee_Name, Year(Hire_Date) hire_date from employees where year(Hire_Date)='1994' and month(Hire_Date)='08';

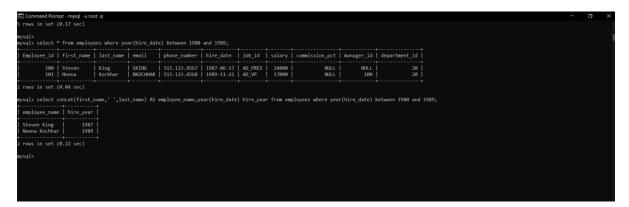
| Employee_Name | hire_date |
| Nancy Greenberg | 1994 |
| Daniel Fayiet | 1994 |
| 2 rows in set (0.38 sec)
| myxql>
```

14. Find the maximum salary from each department.

# 15.Write a SQL query to display the 5 least earning employees



### 16. Find the employees hired in the 8os



# 17. Find the employees who joined the company after 15th of the month

