use hr;

-- task 1--

select count(employee\_id),

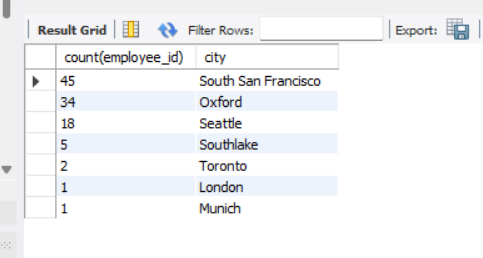
locations.city from employees inner join departments

on employees.department\_id=departments.department\_id

inner join locations on departments.location\_id=locations.location\_id



group by city



Conclusion

Popular cities where most employees like to do work

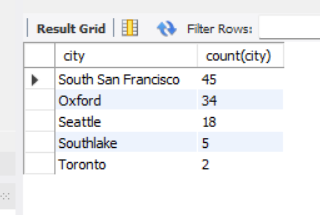
-- task 2--

create view my\_view as

select city, count(city) from locations

inner join departments on departments.location\_id=locations.location\_id

join employees on departments.department\_id=employees.department\_id

group by city

order by 2 desc

limit 5;

select concat(first\_name, ' ' ,last\_name) as full\_name,

country\_name,

my\_view.city,

salary,

department\_name

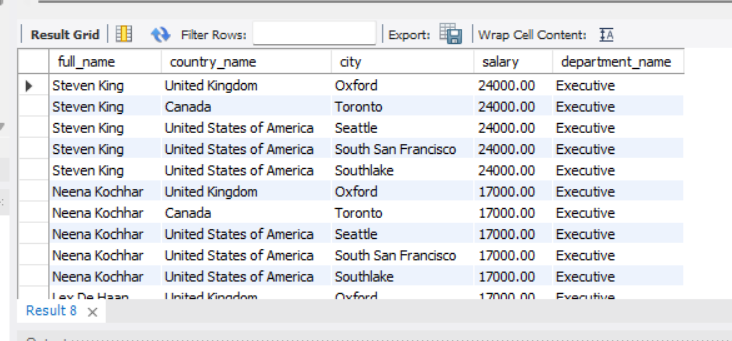
from employees inner join departments

on employees.department\_id=departments.department\_id

join locations on employees.department\_id=departments.department\_id

join countries on countries.country\_id=locations.country\_id

join my\_view using(city)

order by salary desc;

Conclusio:- Employees are in top 5 cities

-- task 3--

select count(employee\_id),

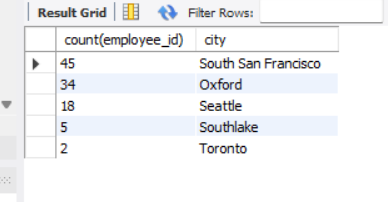
locations.city from employees inner join departments

on employees.department\_id=departments.department\_id

inner join locations on departments.location\_id=locations.location\_id

group by city

order by 1 desc



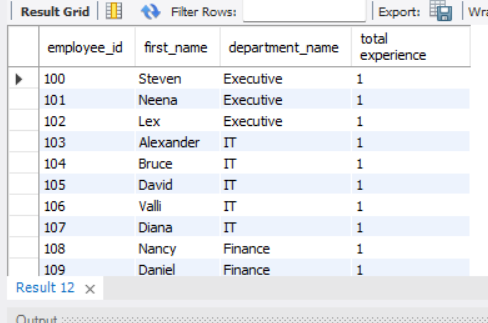
Conclusion:-The max no.of employees who are in top 5 cities.

-- task 4--

select employees.employee\_id, employees.first\_name, departments.department\_name, (year(now())-year(hire\_date)) >=10 as 'total experience'

from employees inner join departments on employees.department\_id=departments.department\_id

where (year(now())-year(hire\_date)) >=10;



Conclusion:-Employees have complete 10 years in the Organizations. Employees got one-time bouns.

* Task 5--

create view manager as

select manager\_id from employees

where (year(now())-year(hire\_date)) >=10;

select \* from manager;

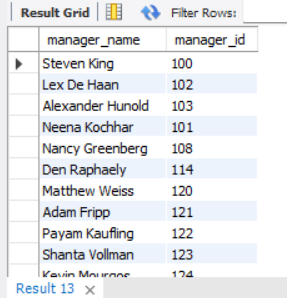
select concat(first\_name, ' ' ,last\_name) as manager\_name, employee\_id as manager\_id from employees

join manager

on employees.employee\_id=manager.manager\_id

group by manager\_id;

Conclusion:-Those employees who have completed 10 yaers in Organizations. They would help formulate to new management policies.



-- task 6--

select countries.country\_name from employees

inner join departments on employees.department\_id=departments.department\_id

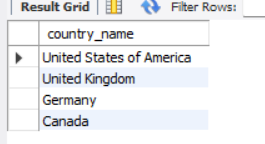
inner join locations on departments.location\_id=locations.location\_id

inner join countries on countries.country\_id=locations.country\_id

where (year(now())-year(hire\_date))>=23

group by country\_name

order by 1 desc;



Conclusion:-Top 3 countries which has the employees are most loyal in specific countries.