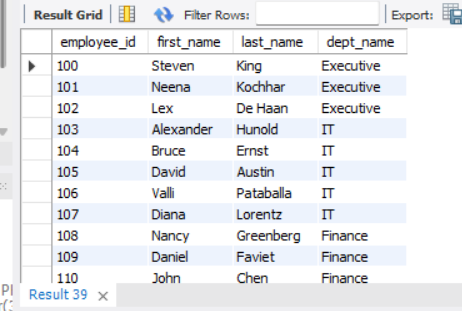
use hr;

-- task 1--

select employee\_id, first\_name, last\_name,

(select department\_name from departments

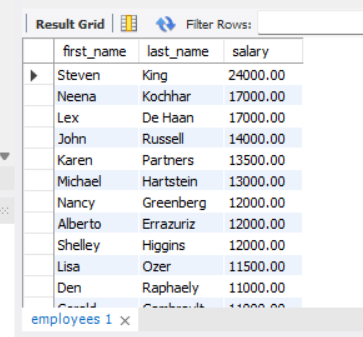
where employees.department\_id=departments.department\_id ) as 'dept\_name'

from employees;

Conclusion:- According to their departments names.

-- task 2--

select first\_name, last\_name, salary from employees

where salary > (select avg(salary) from employees) order by 3 desc;

Conclusion:-Employees salaries are greater than averge salary.

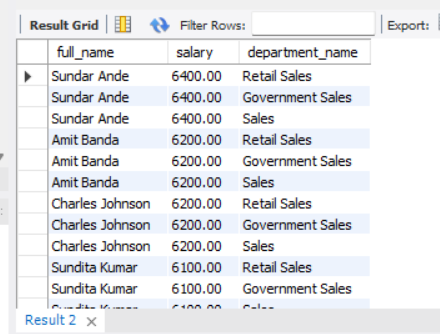
-- task 3--

select concat(first\_name, ' ' ,last\_name)"full\_name", salary, department\_name from employees,

(select department\_name from departments) as dept\_name

where salary < (select avg(salary) from employees) and department\_name like "%sale%"

order by 2 desc;



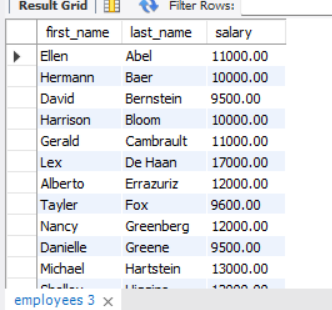
Conclusion:-Employees salary less than the average salary of their sales department.

-- task 4--

select first\_name, last\_name, salary from employees

where salary > (select max(salary) from employees where job\_id ='IT\_PROG')

order by 2 asc;



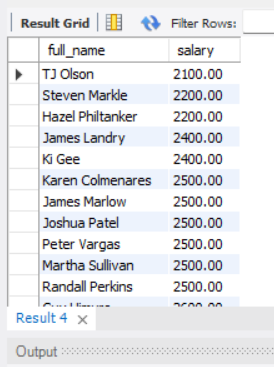
Conclusion:-Employees salary higher than the salary of all IT Programmers.

-- task 5--

select concat(first\_name, ' ' ,last\_name) "full\_name", salary from employees

where (select min(salary) from employees)

order by 2 asc;



Conclusion:-The employee with the minimum salary.

-- task 6--

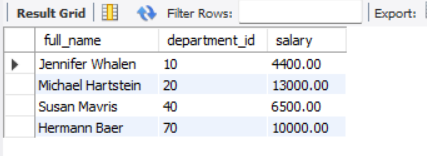
select concat(first\_name,' ',last\_name) as full\_name,

a.department\_id,

salary from employees a

inner join (select sum(salary)\*0.6 as sum\_salary,department\_id from employees group by department\_id) as b

where a.department\_id = b.department\_id and a.salary > b.sum\_salary;



Conclusion:-All employees whose salary is greater than 60% of their departments total salary bill.

-- task 7--

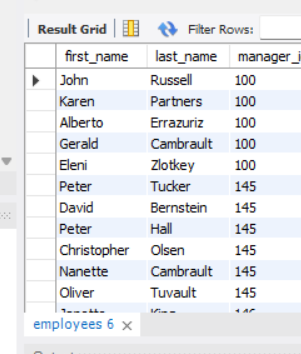
select first\_name, last\_name, manager\_id from employees

where department\_id in

(select department\_id from departments where location\_id in

(select location\_id from locations where country\_id in

(select country\_id from countries where country\_name = 'united kingdom')));



Conclusion:-The employee who have manager worked in UNITED KINGDOM department.

-- task 8--

(select first\_name, last\_name, salary from employees

order by 3 desc

limit 6)

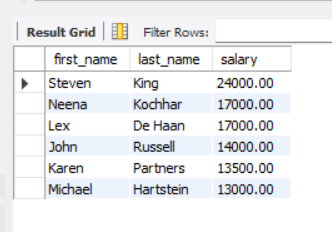
into outfile

"C:\\ProgramData\\MySQL\\MySQL Server 8.0\\Uploads\\cnt\_code2.csv"

fields terminated by '\t'

lines terminated by '\n';

show variables like 'secure\_file\_priv';



Conclusion:-Employees according to their highest paid.