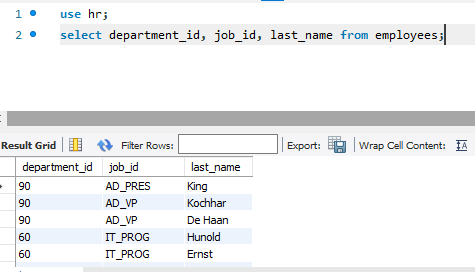
***1. Name of employee work in dept\_no, with job\_id use last\_name columns***

use hr;

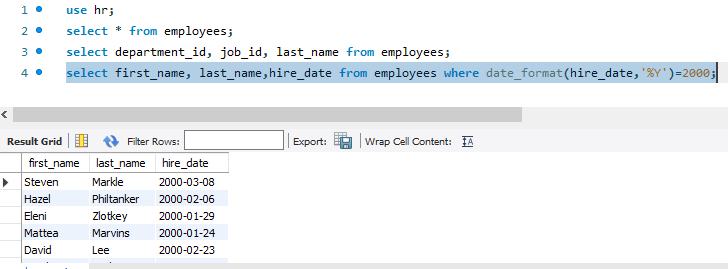
select department\_id, job\_id, last\_name from employees;

****

***2. Employees who joined in the year 2000.***

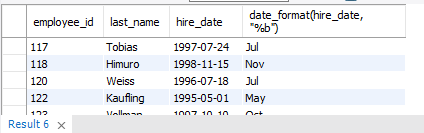
use hr;

select first\_name, last\_name,hire\_date from employees where date\_format(hire\_date,'%Y')=2000;

****

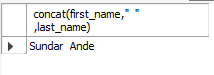
***3. Employees who joined in after Jan\_1996***

select employee\_id, last\_name, hire\_date,date\_format(hire\_date, "%b") from employees where date\_format(hire\_date,"%M %Y")>='Jan 1996';

****

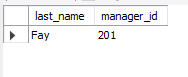
***4. Name starts with S to R***

select concat(first\_name," " ,last\_name) from employees where first\_name like 'S%r' or last\_name like 'S%r';

****

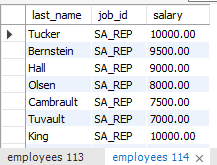
***5. Works under manager\_id(500,501)***

select \* from employees where (manager\_id=200 or manager\_id=201);

****

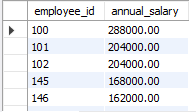
***6. Employees who are "REP" or "MAN" who are paid more than 6000***

select last\_name,job\_id,salary from employees where ((job\_id='SA\_REP') OR (job\_id='AD\_REP') AND (salary>6000));

****

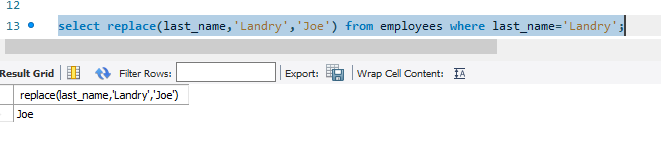
***7. Calculate the annual salary of employee and print them in descending order***

select employee\_id, (salary\*12)annual\_salary from employees order by annual\_salary desc;

****

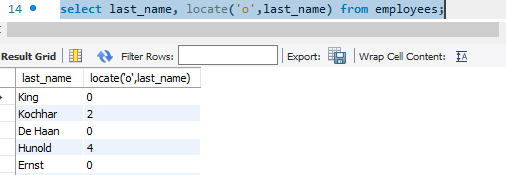
***8. Replace the last\_name of "Landry" to "Joe" in the Employee table.***

select replace(last\_name,'Landry','Joe') from employees where last\_name='Landry';

****

***9. Find the position of first occurrence of the character 'o' in the last name of all employees.***

*select last\_name, locate('o',last\_name) from employees;*

****

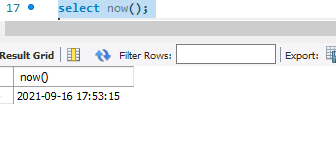
***10. Prefix "2020\_B84" for employee last\_name who works in department\_id=90***

*select employee\_id, department\_id, last\_name, concat("2020\_B84",last\_name)new\_last\_name from employees where department\_id=90;*

****

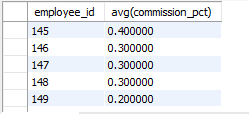
***11. Find the current date with local date and time***

select now();

****

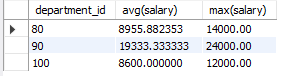
***12. Find the average commission of all employees (ignoring the NULL entries)***

select employee\_id,avg(commission\_pct) from employees group by employee\_id;

****

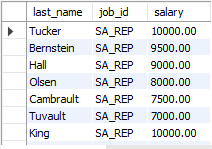
***13. Find the average and highest salary paid for the department 80,90,100***

select department\_id, avg(salary), max(salary) from employees where department\_id >= 80 and department\_id <= 100 group by department\_id;

****

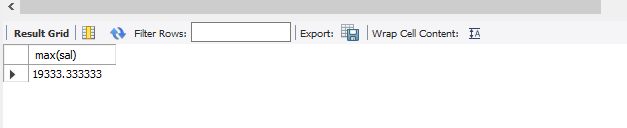
**14. Find the department\_id where the highest paid employee salary is more than 1000.**

select department\_id, max(salary) from employees group by department\_id having max(salary) > 1000

****

**15. Department ID who is paying the maximum salary in the organization**

SELECT max(sal) FROM (SELECT AVG(salary) sal FROM employees GROUP BY department\_id ) AS result;

****

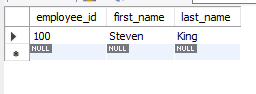
**16. Find the department\_name and location\_id in which the "Ernst " work**

select department\_name, location\_id from departments where department\_id=(select department\_id from employees where last\_name="Ernst");

****

**18. Find the maximum paid salary in the organization**

select employee\_id, first\_name, last\_name from employees where salary=(select max(salary) from employees)

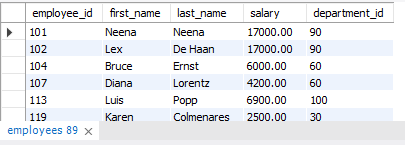
****

***19. Employees who are drawing minimum salaries from their respective departments***

SELECT employee\_id, first\_name, last\_name, salary, department\_id

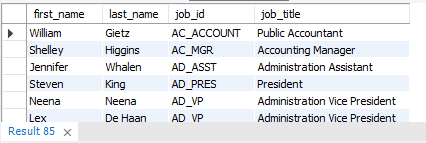
FROM employees WHERE salary IN (SELECT min(salary) FROM employees

GROUP BY department\_id);

****

***20. Employees names, Job\_id, Job\_title by joining employee and jobs table***

SELECT employees.first\_name, employees.last\_name, employees.job\_id, jobs.job\_title from employees INNER JOIN jobs ON employees.job\_id = jobs.job\_id;

****