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--0812
--ex1) 서브쿼리
select DEPARTMENT_ID from EMPLOYEES where FIRST_NAME =
'Neena';
select department_name from departments where department_id
= 9;

select DEPARTMENT_NAME
from DEPARTMENTS
where DEPARTMENT_ID = (select DEPARTMENT_ID from EMPLOYEES
where FIRST_NAME = 'Neena');

--ex2)
select LAST_NAME, DEPARTMENT_ID, SALARY
from employees
where DEPARTMENT_ID = (select DEPARTMENT_ID from EMPLOYEES
where FIRST_NAME = 'Neena')
and SALARY > (select salary from EMPLOYEES where
FIRST_NAME = 'Neena');

--[문제1] 최저급여를 받는 직원들의 이름과 급여를 구하시오
select SALARY from EMPLOYEES order by 1;
select LAST_NAME, SALARY from EMPLOYEES where SALARY =
'2500.00';

--[문제2] 부서별 급여 합계 중 최대급여를 받는 부서의 부서명과 급여합계를 구하
시오
select max(sum(salary)) from HR.EMPLOYEES group by
(DEPARTMENT_ID);

select DEPARTMENT_NAME, sum(SALARY)
from EMPLOYEES
join DEPARTMENTS
using (department_id)
group by DEPARTMENT_NAME
having sum(SALARY) = (select max(sum(salary)) from
HR.EMPLOYEES group by (DEPARTMENT_ID));

--ex3) Austin과 같은 부서이면서 같은 급여를 받는 직원들의 이름, 부서명, 급
여를 구하시오
select LAST_NAME, DEPARTMENT_NAME, SALARY
from EMPLOYEES
join DEPARTMENTS using(department_id)
where DEPARTMENT_ID = (select DEPARTMENT_ID from EMPLOYEES
where LAST_NAME = 'Austin')
and SALARY = (Select SALARY from EMPLOYEES where LAST_NAME

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= 'Austin');

--ex4) Stock Manager 직급보다 급여가 많은 Programmer 의
last_name, job_id, salary 를 조회하시오
select LAST_NAME, JOB_ID, JOB_TITLE, SALARY
from EMPLOYEES
join JOBS using (job_id)
where JOB_TITLE = 'Programmer'
and
SALARY > any(select SALARY
              from EMPLOYEES
              join JOBS using(job_id)
              where job_title = 'Stock Manager');

select SALARY from EMPLOYEES join JOBS using (job_id) where
JOB_TITLE = 'Stock Manager';
select SALARY from EMPLOYEES join JOBS using (job_id) where
JOB_TITLE = 'Programmer';

/*[문제3] Shipping Clerk 직급 중 가장 많이 받는 사원의 급여보다 더 많은
급여를 받는 Sales Manager 또는 Stock Manager 직급 직원들을 조회하시오
조건1) 급여 순으로 내림차순 정렬하시오
조건2) 급여는 세 자리마다 콤마 찍고 화폐단위 '원'을 붙이시오
조건3) 타이틀은 사원명, 업무 ID, 급여로 표시하시오
*/
select LAST_NAME as 이름, JOB_TITLE as 직업명,
to_char((SALARY*(1365)), 'FM999,999,999') || '원' as 급여
from EMPLOYEES
join JOBS using (job_id)
where JOB_TITLE in ('Sales Manager', 'Stock Manager')
and
      SALARY > any (select SALARY from EMPLOYEES
                    join JOBS using (job_id)
                    where JOB_TITLE = 'Shipping Clerk');

--ex5) 'Programmer'와 같은 급여를 받는 사원들의 이름, 업무ID, 급여를 전
부 구하시오
select LAST_NAME, JOB_ID, SALARY
from EMPLOYEES
join JOBS using (job_id)
where SALARY in(select SALARY
from EMPLOYEES
join JOBS using (job_id)
where JOB_TITLE = 'Programmer');

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