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SUBQUERIES

47) write a SQL query to find those employees who get higher salary than the employee whose ID is 163. Return first name, last name.
----
select first_name, last_name from employees
where salary>(select salary from employees where
employee_id=163);

48) Display the name, salary, department id, job id for those employees who works in the same designation as the employee works whose id is 169
----
select first_name, salary, department_id, job_id from employees
where job_id=(select job_id from employees where
employee_id=169);

49) Display the name, salary, department id for those employees who earn such amount of salary which is the smallest salary of any of the departments
----
select first_name, salary, department_id from employees
where salary = any(select min(salary) from employees
group by department_id);

select first_name, salary, department_id from employees
where salary in(select min(salary) from employees
group by department_id);

50) Display the employee id, employee name for all employees who earn more than the average salary
----
select employee_id, first_name from employees
where salary > all(select avg(salary) from employees);

select employee_id, first_name from employees
where salary > (select avg(salary) from employees);

51) Display the employee name, employee id and salary of all employees who report to John
----

```
select first_name, employee_id, salary from employees
where manager_id=any(select employee_id from employees
where first_name='John');
```

52) SQL query to find all those employees who work in the HR department. Return department ID, name (first name), job ID and department name.

```
select departments.department_id, first_name, job_id, department_name
from employees join departments
on(employees.department_id=departments.department_id)
where employees.department_id=(select department_id
from departments where department_name='Human Resources');
```

```
--w/o subquery:
select e.department_id, first_name, job_id, department_name
from employees e, departments d
where e.department_id = d.department_id
AND d.department_name='Human Resources';
```

53) write a SQL query to find those employees whose ID matches any of the number 134, 159 and 183. Return all the fields.

```
select * from employees
where employee_id in(134, 159, 183);
```

```
select * from employees
where employee_id = any(134, 159, 183);
```