

1. SELECT employee_id, first_name, last_name, salary, department_id
FROM employees
WHERE salary > (SELECT salary FROM employees WHERE last_name = 'Lorentz')
AND department_id = (SELECT department_id FROM employees WHERE last_name = 'Abel');
2. SELECT employee_id, first_name, last_name, job_id, hire_date
FROM employees
WHERE job_id = (SELECT job_id FROM employees WHERE last_name = 'Rajs')
AND hire_date > (SELECT hire_date FROM employees WHERE last_name = 'Davies');
3. SELECT event_id, event_name, theme_code
FROM d_events
WHERE theme_code = (SELECT theme_code FROM d_events WHERE event_id = 100);
4. SELECT staff_type
FROM jobs
WHERE salary < (SELECT MIN(salary) FROM jobs WHERE staff_type = 'Cook');
5. SELECT department_id, ROUND(AVG(salary), 2) AS avg_salary
FROM employees
GROUP BY department_id
HAVING AVG(salary) > (SELECT salary FROM employees WHERE last_name = 'Ernst');
6. SELECT department_id, MIN(salary) AS min_salary
FROM employees
GROUP BY department_id
HAVING MIN(salary) > (SELECT MIN(salary) FROM employees WHERE department_id != 50);