SQL Right Joins Solution

1. SELECT department.*, employee.employee_name
    FROM employee
    RIGHT JOIN department ON employee.department_id =
    department.department_id;

2. SELECT department.*, COUNT(employee.employee_id) AS
    total_employees
    FROM employee
    RIGHT JOIN department ON employee.department_id =
    department.department_id
    GROUP BY department.department_id;

3. SELECT department.department_name, MAX(employee.salary) AS
    highest_salary
    FROM employee
    RIGHT JOIN department ON employee.department_id =
    department.department_id
    GROUP BY department.department_id;

4. SELECT department.*
    FROM employee
    RIGHT JOIN department ON employee.department_id =
    department.department_id
    WHERE employee.employee_id IS NULL;

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5. SELECT department.department_name, AVG(employee.salary) AS average_salary
   FROM department
   RIGHT JOIN employee ON employee.department_id = department.department_id
   GROUP BY department.department_id;

6. SELECT department.*, COUNT(employee.employee_id) AS total_employees
   FROM department
   RIGHT JOIN employee ON employee.department_id = department.department_id
   GROUP BY department.department_id
   ORDER BY total_employees DESC;

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