

-- self join

**SELECT e1.emp_id AS emp1_id, e1.emp_name AS emp1_name,
e2.emp_id AS emp2_id, e2.emp_name AS emp2_name,
e1.department_id**

FROM employees e1

JOIN employees e2 ON e1.department_id = e2.department_id

WHERE e1.emp_id != e2.emp_id;

--Non equi Join

-- Insert records into the salary_ranges table

**INSERT INTO salary_ranges (job_title, min_salary, max_salary)
VALUES**

('Software Engineer', 60000, 70000),

('Project Manager', 75000, 80000),

('HR Manager', 55000, 60000),

('Sales Executive', 50000, 52000),

('HR Specialist', 52000, 55000);

```
SELECT employees.emp_name, employees.salary,  
salary_ranges.job_title, salary_ranges.min_salary,  
salary_ranges.max_salary  
  
FROM employees  
  
JOIN salary_ranges ON employees.salary BETWEEN  
salary_ranges.min_salary AND salary_ranges.max_salary  
  
AND employees.job_title = salary_ranges.job_title;
```