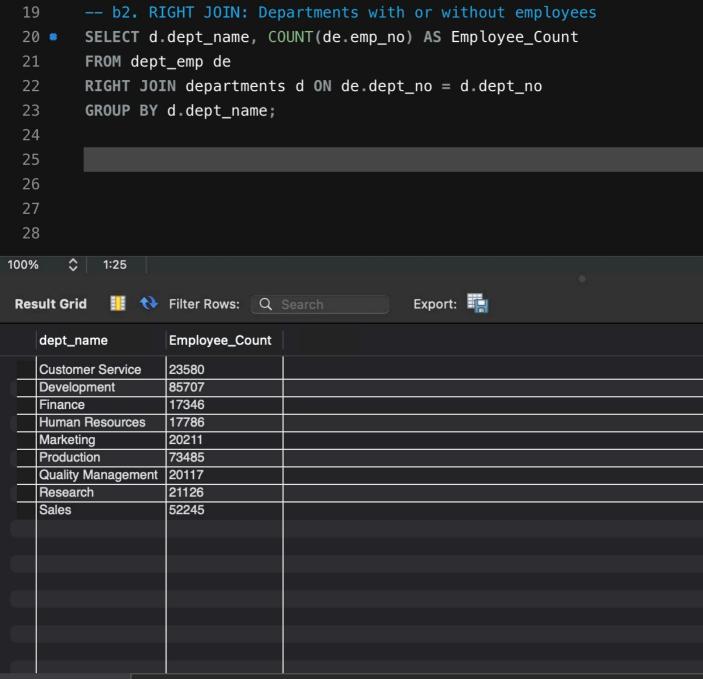
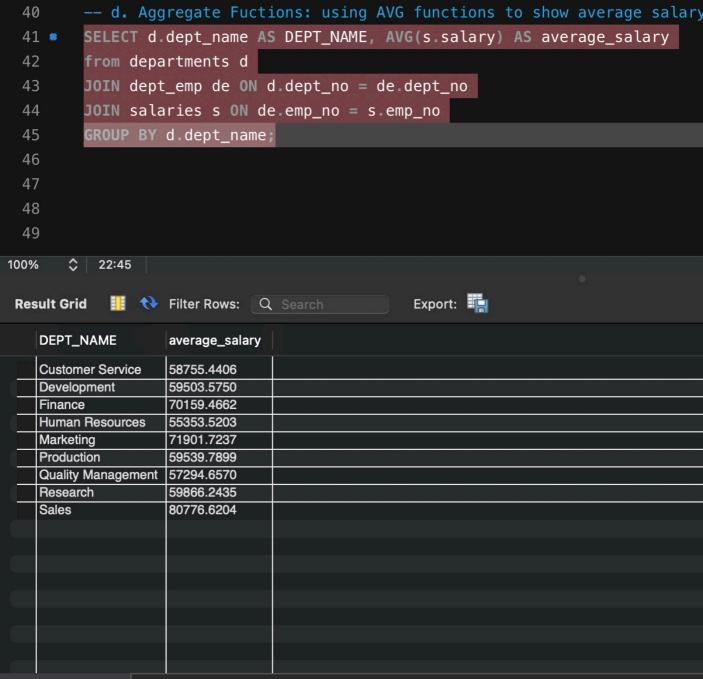
```
2 .
         use employees;
         -- a. SELECT, WHERE, ORDER BY, GROUP BY
  4 .
         SELECT d.dept_name, COUNT(de.emp_no) AS employee_count
         FROM departments d
  5
         JOIN dept_emp de ON d.dept_no = de.dept_no
         WHERE de.to_date = '9999-01-01' -- Current department assignments
  8
         GROUP BY d.dept name
         HAVING employee_count > 10000
         ORDER BY employee_count DESC;
 10
       30:10
100%
Result Grid Filter Rows: Q Search
                                                 Export:
   dept_name
                   employee_cou...
   Development
                   61386
   Production
                   53304
   Sales
                   37701
   Customer Service
                   17569
   Research
                   15441
   Marketing
                   14842
   Quality Management 14546
   Human Resources
                   12898
                   12437
   Finance
```

```
11
 12
          -- b. LEFT JOIN: Employees with or without a department
 13 •
          SELECT e.first_name, e.last_name, d.dept_name
 14
          FROM employees e
 15
          LEFT JOIN dept_emp de ON e.emp_no = de.emp_no
          LEFT JOIN departments d ON de.dept_no = d.dept_no
          LIMIT 15;
 17
 18
 19
 20
100%
            10:17
                                                       Export:
                                                                                     ---
                 Filter Rows: Q Search
Result Grid
                                                                     Fetch rows:
    first_name
              last_name | dept_name
               Facello
    Georgi
                        Development
    Bezalel
               Simmel
                        Sales
                        Production
    Parto
               Bamford
    Chirstian
              Koblick
                        Production
    Kyoichi
              Maliniak
                        Human Resources
    Anneke
                        Development
               Preusia
                        Research
    Tzvetan
               Zielinski
    Saniva
              Kalloufi
                        Development
    Sumant
              Peac
                         Quality Management
              Piveteau
    Duangkaew
                        Production
    Duangkaew Piveteau
                        Quality Management
              Sluis
                        Customer Service
    Mary
    Patricio
              Bridgland
                        Development
                        Human Resources
    Eberhardt
               Terkki
    Berni
               Genin
                        Development
```



```
-- c. Subquery: Employees with salary above 60000
 33
 34 •
          SELECT e.first_name, e.last_name, s.salary
 35
          FROM employees e
 36
          JOIN salaries s ON e.emp no = s.emp no
 37
          WHERE s.salary > (SELECT 60000)
 38
          ORDER BY s.salary
          LIMIT 10:
 39
 40
 41
 42
100%
       0
           10:39
                                                     Export:
                                                                                  ---
                Filter Rows: Q Search
Result Grid
                                                                  Fetch rows:
   first_name last_name salary
             Pileggi
    Bernd
                       60001
             Spinelli
   Chinho
                       60001
   Eberhardt
                       60001
             Baca
   Rosalie
             Marchesini
                       60001
    Claudi
             Kaminger
                       60001
   Kazuhiro
             Coorg
                       60001
   Masadi
             Terwilliger
                       60001
   Neelam
             Menhardt
                       60001
   Takahiro
             Feldmann
                       60001
    Gad
             Griswold
                       60001
```



48	
	eate View: Department employee count
to the same definition of the same series and the same series are same series are same series and the same series are same ser	
50 • CREATE VIEW dept_employee_count AS	
<pre>51 SELECT d.dept_name, COUNT(de.emp_no) AS employee_count</pre>	
52 FROM departments d	
53 LEFT JOIN dept_emp de ON d.dept_no = de.dept_no	
54 GROUP BY d.dept_name;	
	a.dept_name;
55	
56 • SELECT * FROM dept_employee_count;	
57	
100% 🗘 35:56	
- 1.511 III A	
Result Grid	Filter Rows: Q Search Export:
DEPT_NAME	average_salary
3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	
Customer Service Development	58755.4406 59503.5750
Finance	70159.4662
Human Resources	55353.5203
Marketing	71901.7237
Production	59539.7899
Quality Management	57294.6570
Research	59866.2435
Sales	80776.6204

