

100% 30:10





[illegible]

```

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
16  LEFT JOIN departments d ON de.dept_no = d.dept_no
17  LIMIT 15;
18
19
20
21

```

100% 10:17

Result Grid   Filter Rows: Export:  Fetch rows: 

	first_name	last_name	dept_name	
	Georgi	Facello	Development	
	Bezalel	Simmell	Sales	
	Parto	Bamford	Production	
	Chirstian	Koblick	Production	
	Kyoichi	Maliniak	Human Resources	
	Anneke	Preusig	Development	
	Tzvetan	Zielinski	Research	
	Saniya	Kalloufi	Development	
	Sumant	Peac	Quality Management	
	Duangkaew	Piveteau	Production	
	Duangkaew	Piveteau	Quality Management	
	Mary	Sluis	Customer Service	
	Patricio	Bridgland	Development	
	Eberhardt	Terkki	Human Resources	
	Berni	Genin	Development	


```
33  -- c. Subquery: Employees with salary above 60000
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
39      LIMIT 10;
40
41
42
```

100% 10:39

Result Grid



Filter Rows:



Search

Export:



Fetch rows:



	first_name	last_name	salary
--	------------	-----------	--------

	Bernd	Pileggi	60001
--	-------	---------	-------

	Chinho	Spinelli	60001
--	--------	----------	-------

	Eberhardt	Baca	60001
--	-----------	------	-------

	Rosalie	Marchesini	60001
--	---------	------------	-------

	Claudi	Kaminger	60001
--	--------	----------	-------

	Kazuhiro	Coorg	60001
--	----------	-------	-------

	Masadi	Terwilliger	60001
--	--------	-------------	-------

	Neelam	Menhardt	60001
--	--------	----------	-------

	Takahiro	Feldmann	60001
--	----------	----------	-------

	Gad	Griswold	60001
--	-----	----------	-------


```
48
49 -- e. Create View: Department employee count
50 • CREATE VIEW dept_employee_count AS
51 SELECT d.dept_name, COUNT(de.emp_no) AS employee_count
52 FROM departments d
53 LEFT JOIN dept_emp de ON d.dept_no = de.dept_no
54 GROUP BY d.dept_name;
55
56 • SELECT * FROM dept_employee_count;
57
```

35:56

Result Grid



Filter Rows:



Export:



DEPT_NAME	average_salary
Customer Service	58755.4406
Development	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

