Query 1

SELECT

e.emp\_no,

e.first\_name,

e.last\_name,

e.gender,

s.salary

FROM employees as e

LEFT JOIN salaries as s

on (e.emp\_no = s.emp\_no)

Query 2

SELECT

e.emp\_no,

e.first\_name,

e.last\_name,

e.gender,

s.salary,

e.hire\_date

FROM employees as e

LEFT JOIN salaries as s

on (e.emp\_no = s.emp\_no)

WHERE (hire\_date BETWEEN '1986-01-01'AND '1986-12-31')

Query 3

SELECT

dm.dept\_no,

d.dept\_name,

e.emp\_no,

e.first\_name,

e.last\_name,

dm.from\_date,

dm.to\_date

FROM employees as e

JOIN dept\_manager as dm

on (e.emp\_no = dm.emp\_no)

JOIN departments as d

on (dm.dept\_no = d.dept\_no)

Query 4

SELECT

e.emp\_no,

e.last\_name,

e.first\_name,

d.dept\_name

FROM employees as e

LEFT JOIN dept\_emp as de

on (e.emp\_no = de.emp\_no )

JOIN departments as d

on (de.dept\_no = d.dept\_no)

Query 5

SELECT

e.emp\_no,

e.last\_name,

e.first\_name

FROM employees as e

WHERE e.first\_name = 'Hercules' AND e.last\_name LIKE '%B%'

Query 6

SELECT

e.emp\_no,

e.last\_name,

e.first\_name,

d.dept\_name

FROM employees as e

LEFT JOIN dept\_emp as de

on (e.emp\_no = de.emp\_no )

JOIN departments as d

on (de.dept\_no = d.dept\_no)

WHERE (d.dept\_name = 'Sales')

Query 7

SELECT

e.emp\_no,

e.last\_name,

e.first\_name,

d.dept\_name

FROM employees as e

LEFT JOIN dept\_emp as de

on (e.emp\_no = de.emp\_no )

JOIN departments as d

on (de.dept\_no = d.dept\_no)

WHERE d.dept\_name = 'Sales' OR d.dept\_name = 'Development'

Query 8

SELECT e.last\_name, COUNT(e.last\_name) as frequency\_last\_name

FROM employees as e

GROUP BY e.last\_name

ORDER BY frequency\_last\_name DESC