Câu 1:

SELECT e.first\_name, e.last\_name, d.department\_name, r.role\_name

FROM employees e

JOIN departments d ON e.department\_id = d.department\_id

JOIN employeeroles r ON e.role\_id = r.role\_id;

Câu2:

SELECT department\_name

FROM departments;

Câu3:

SELECT e.first\_name, e.last\_name, d.department\_name, r.role\_name

FROM employees e

JOIN departments d ON e.department\_id = d.department\_id

JOIN employeeroles r ON e.role\_id = r.role\_id

WHERE e.employee\_id = 3;

Câu4:

SELECT e.first\_name, e.last\_name, r.role\_name, d.department\_name

FROM employees e

JOIN departments d ON e.department\_id = d.department\_id

JOIN employeeroles r ON e.role\_id = r.role\_id

WHERE d.department\_name = 'HR';

Câu5:

SELECT e.first\_name, e.last\_name, d.department\_name

FROM employees e

JOIN departments d ON e.department\_id = d.department\_id

JOIN employeeroles r ON e.role\_id = r.role\_id

WHERE r.role\_name = 'Manager';

Câu6:

SELECT d.department\_name, COUNT(e.employee\_id) AS employee\_count

FROM employees e

JOIN departments d ON e.department\_id = d.department\_id

GROUP BY d.department\_name;

Câu7:

SELECT r.role\_name

FROM employees e

JOIN employeeroles r ON e.role\_id = r.role\_id

WHERE e.employee\_id = 2;

Câu8:

SELECT e.first\_name, e.last\_name

FROM employees e

WHERE e.first\_name LIKE 'J%';

Câu9:

SELECT d.department\_name, e.first\_name, e.last\_name

FROM employees e

JOIN departments d ON e.department\_id = d.department\_id

JOIN employeeroles r ON e.role\_id = r.role\_id

WHERE r.role\_name = 'Manager';

Câu10:

SELECT d.department\_name, COUNT(e.employee\_id) AS employee\_count

FROM employees e

JOIN departments d ON e.department\_id = d.department\_id

GROUP BY d.department\_name

ORDER BY employee\_count DESC;

Câu11:

SELECT r.role\_name

FROM employees e

JOIN employeeroles r ON e.role\_id = r.role\_id

WHERE e.first\_name = 'Emily' AND e.last\_name = 'Williams';

Câu12:

SELECT e.first\_name, e.last\_name, d.department\_name

FROM employees e

JOIN departments d ON e.department\_id = d.department\_id

WHERE d.department\_name LIKE 'M%';

Câu13:

SELECT e.first\_name, e.last\_name, d.department\_name

FROM employees e

JOIN departments d ON e.department\_id = d.department\_id

JOIN employeeroles r ON e.role\_id = r.role\_id

WHERE r.role\_name = 'Director';

Câu14:

SELECT e.first\_name, e.last\_name, d.department\_name

FROM employees e

JOIN departments d ON e.department\_id = d.department\_id

WHERE d.department\_name IN ('IT', 'Finance');

Câu15:

SELECT d.department\_name, e.first\_name, e.last\_name

FROM employees e

JOIN departments d ON e.department\_id = d.department\_id

WHERE d.department\_id = (

SELECT TOP 1 d.department\_id

FROM employees e

JOIN departments d ON e.department\_id = d.department\_id

GROUP BY d.department\_id

ORDER BY COUNT(e.employee\_id) DESC

);