1. Fetch first name, last name, and hire date of all employees who were hired after January 1, 1999:

SELECT first\_name, last\_name, hire\_date

FROM employees

WHERE hire\_date > DATE '1999-01-01';

2. List all the job IDs and titles with a max salary greater than $15000 and a min salary less than $9000:

SELECT job\_id, job\_title

FROM jobs

WHERE max\_salary > 15000 AND min\_salary < 9000;

3. Retrieve all columns from the 'countries' table for countries whose names start with the letter 'A', ordered by country\_id in descending order:

SELECT \*

FROM countries

WHERE country\_name LIKE 'A%'

ORDER BY country\_id DESC;

4. Retrieve the columns region name and country name from the regions and countries tables using a join:

SELECT r.region\_name, c.country\_name

FROM regions r

JOIN countries c ON r.region\_id = c.region\_id;

5. Find employees working in the 'IT' department (using a subquery):

SELECT first\_name, last\_name

FROM employees

WHERE department\_id = (

SELECT department\_id

FROM departments

WHERE department\_name = 'IT'

);

6. Get the highest-paid employee's details (using a subquery):

SELECT \*

FROM employees

WHERE salary = (SELECT MAX(salary) FROM employees);

7. Find employees along with their managers' names (using a join):

SELECT e.first\_name AS employee\_first\_name, e.last\_name AS employee\_last\_name,

m.first\_name AS manager\_first\_name, m.last\_name AS manager\_last\_name

FROM employees e

LEFT JOIN employees m ON e.manager\_id = m.employee\_id;

8. Retrieve the list of countries and their respective regions but only for countries in the 'Americas' region:

SELECT c.country\_name, r.region\_name

FROM countries c

JOIN regions r ON c.region\_id = r.region\_id

WHERE r.region\_name = 'Americas';