1. **Write a query that displays the last name concatenated with the job ID, separated by a comma and space, and name the column Employee and Title.**

SELECT LAST_NAME ||' , '|| JOB_ID AS "Employee and Title"

FROM EMPLOYEES;

Other Comparison Conditions

SELECT last_name, salary

FROM employees

WHERE salary BETWEEN 2500 AND 3500;

SELECT employee_id, last_name, salary, manager_id

FROM employees

WHERE manager_id IN (100, 101, 201);

ORDER BY Clause

SELECT last_name, job_id, department_id, hire_date

FROM employees

ORDER BY hire_date DESC ;

2. **Display the employee last name, job ID, and start date of employees hired between February 20, 1998, and May 1, 1998. Order the query in ascending order by start date.**

SELECT LAST_NAME, JOB_ID, HIRE_DATE

FROM EMPLOYEES

WHERE HIRE_DATE BETWEEN 'FEB-20-1996' AND 'MAY-1-2001';

3. **Display the last name and department number of all employees in departments 20 and 50 in alphabetical order by name.**

SELECT LAST_NAME "NAME",DEPARTMENT_ID "DEPARTMENT ID"

FROM EMPLOYEES

WHERE DEPARTMENT_ID BETWEEN 20 AND 50

ORDER BY LAST_NAME DESC;

The ESCAPE Option

SELECT employee_id, last_name, job_id

FROM employees

WHERE job_id LIKE '%SA\_%' ESCAPE '\';

SELECT employee_id, last_name, job_id, salary

FROM employees

WHERE salary >=10000

AND job_id LIKE '%MAN%';


NOT IN


SELECT last_name, job_id

FROM employees

WHERE job_id

NOT IN ('IT_PROG', 'ST_CLERK', 'SA_REP');


4. **Display the last name of all employees who have an a and an e in their last name.**


SELECT last_name AS NAME

FROM employees

WHERE LAST_NAME LIKE '%a%'

AND LAST_NAME LIKE '%e%';

5. **Display the last name, salary, and commission for all employees who earn commissions. Sort data in descending order of salary and commissions.Title.**

SELECT last_name AS NAME, SALARY, COMMISSION_PCT

FROM EMPLOYEES

WHERE COMMISSION_PCT IS NOT NULL

ORDER BY SALARY DESC;