ELECT last_name, salary , job_id,department_id,hire_date
ROM employees
RDER BY hire_date;

xample:2
ELECT last_name, salary , job_id,department_id,hire_date
ROM employees
RDER BY hire_date DESC;

Example:3
Sorting by column alias

SELECT last_name, salary*12 annsal , job_id,department_id,hire_date
FROM employees
ORDER BY annsal;

Example:4
Sorting by Multiple columns

SELECT last_name, salary , job_id,department_id,hire_date
FROM employees
ORDER BY department_id, salary DESC;

Find the Solution for the following:

1. Create a query to display the last name and salary of employees earning more than 12000.

    Select last_name fom, salary from employees where
    salary > 12000

2. Create a query to display the employee last name and department number for employee number 176.

    Select last_name, department_id from employees where
    employee_id = 176;

3. Create a query to display the last name and salary of employees whose salary is not in the range of 5000 and 12000. (hints: not between)

    Select last_name, salary from employees where salary
    NOT BETWEEN 1998-02 AND '1998-05-01' order by
    hire_date ASC; 5000 AND 12000

4. 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.(hints: between)

    Select last_name, job_id, hire_date from employees where
    hire_date between '1998-02-20' AND '1998-05-01' order by
    hire_date

Display the last name and department number of all employees in departments 20 and 50 in alphabetical order by name.(hints: in, orderby)

Select last-name, department_id from employees where department_id IN (20, 50) ORDER BY last-name;

Display the last name and salary of all employees who earn between 5000 and 12000 and are in departments 20 and 50 in alphabetical order by name. Label the columns EMPLOYEE, MONTHLY SALARY respectively.(hints: between, in)

Select last-name AS EMPLOYEE, salary as 'MONTHLY SALARY' From employees where salary between 5000 AND 12000 AND dept-id in (20, 50) order by last-name ASC;

Display the last name and hire date of every employee who was hired in 1994.(hints: like)

Select last-name, hire-date from employee where hire-date Like '1994%';

Display the last name and job title of all employees who do not have a manager.(hints: is

II)

Select last-name, job-id from employee where manger-id is NULL;

Display the last name, salary, and commission for all employees who earn commissions. sort data in descending order of salary and commissions.(hints: is not nul,orderby)

Select last-name, salary, Commission_pct from employees where Commission_pct is NOT NULL order-by salary desc, Commission-p DESC;

Display the last name of all employees where the third letter of the name is a.(hints:like)

Select last-name from employees where last-name like '__a%';

11. Display the last name of all employees who have an a and an e in their last name.(hints: like)

Select last_name from employees where last_name like
'%a%' AND last_name like '%e%'

12. Display the last name and job and salary for all employees whose job is sales representative or stock clerk and whose salary is not equal to 2500 ,3500 or 7000.(hints:in,not in)

Select last_name, job_id , salary from employees where job_id
in ('SA-REP', 'ST_CLERK') AND salary Not IN (2500, 3500, 7000)

13. Display the last name, salary, and commission for all employees whose commission amount is 20%.(hints:use predicate logic)

Select last_name, salary, Commission_pct from where
Commission_pct > 0.20;

Evaluation Procedure	Marks awarded
Query(5)	5
Execution (5)	5
Viva(5)	5
Total (15)	15
Faculty Signature	Bm