This query was completed in earlier releases as follows:

SELECT e.last_name, e.department_id, d.department_name FROM employees e, departments d WHERE d.department_id = e.department_id (+);

FULL OUTER JOIN Example:

SELECT e.last_name, e.department_id, d.department_name
FROM employees e
FULL OUTER JOIN departments d
ON (e.department_id = d.department_id);
This query retrieves all rows in the EMPLOYEES table, even if there is no match in the
DEPARTMENTS table. It also retrieves all rows in the DEPARTMENTS table, even if there is
no match in the EMPLOYEES table.

Find the Solution for the following:

1. Write a query to display the last name, department number, and department name for all employees.

2. Create a unique listing of all jobs that are in department 80. Include the location of the department in the output.

3. Write a query to display the employee last name, department name, location ID, and city of all employees who earn a commission

Display the employee last name and department name for all employees who have an a(lowerease) in their last names. P

select e last name, d dept name from department d inner join employees e ond dept - id = e department - id 5. Write a query to display the last name, job, department number, and department name for all

employees who work in Toronto.

Select e last name, d dept name, e department id from (department d inner join employees e ond dept-id = e department-id inner join boartion I on I. (vocation - id = d. location - id) where city = Toronto; 6. Display the employee last name and employee number along with their manager's last name

and manager number. Label the columns Employee, Emp#, Manager, and Mgr#, Respectively

Select last-name as 'Employee", employee-id as "Emp#", manager-id as 'Mgr #" from employees;

7. Modify lab4_6.sql to display all employees including King, who has no manager. Order the results by the employee number.

select last - name As + Employee ", employee -id As from employees order BV employee -id;

8. Create a query that displays employee last names, department numbers, and all the employees who work in the same department as a given employee. Give each column an appropriate label

select e dept_id , dept , e · last_name emp, e · last-name trom emp e join emp c on (e · dept_id) = c · dept_id) where e emp-id = c. emp-id.

9. Show the structure of the JOB_GRADES table. Create a query that displays the name, job, department name, salary, and grade for all employees

desc job-grades select e last-name, e vob-id, d'dept-name, e salary, j. gradeled from emp e dept d, job-grade; ouhere e. dept-id = d.dept-id And e-salary between j. lowest-sol and j. highest-od; 64

10. Create a query to display the name and hire date of any employee hired after employee Davies

select e. last-name, e. hire-date from empe join emp daries, on (davis, last-name = 'damies') where davis, hire-date < c. hire date;

11. Display the names and hire dates for all employees who were hired before their managers, along with their manager's names and hire dates. Label the columns Employee, Emp Hired, Manager, and Mgr Hired, respectively.

select w. last-name, w. hiredate, m. last-roume, m. hiredate from emp w j'oin employee m on (w. manager_id = m. emp_id) where w. hire -date cm. hire-date;

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