Lab2

Queries

1-Display the last name concatenated with the job id, separated by a comma and space and name the column [Employee and Title] as alias

select concat(last_name,', ',job_id) as lstname_jobid,first_name as
Employee,last_name as Title
FROM iti.employees;

2-Display the last name and salary for all employees whose salary is not in the range of $1500 and $7000.

select last_name,salary
from iti.employees
where salary not in (1500,7000);

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

select last_name,salary
from iti.employees
where salary not in (1500,7000);

4- Display the last name, job id and salary for all employees whose job id is SA_REP or PU_MAN and their salary is equal to $9500, $9000 or $8000

SELECT last_name, job_id, salary
FROM iti.employees
WHERE (job_id = 'SA_REP' OR job_id = 'PU_MAN')
AND salary IN (9500, 9000, 8000);

5-Display all information about employees whose last name begin with letter 's'

select last_name
from iti.employees
where last_name like 's%';

6-Display all employees whose first name contains letter before last 'e'

select first_name
from iti.employees

where first_name like '%e';

DMLs

1- **Insert new location with suitable data**

INSERT INTO iti.locations (location_id, street_address, postal_code, city, state_province, country_id)
VALUES (5000, '123 Main St', '12345', 'New york', 'New State', 'US');

2- **Insert new department with suitable data for this location**

INSERT INTO iti.departments(department_id, department_name, manager_id, location_id)
VALUES(60, 'IT', 103, 1400);

3- **Insert new employee with suitable data for this department**

INSERT INTO iti.employees(employee_id, first_name, last_name, email, phone_number, hire_date, job_id, salary, commission_pct, manager_id, department_id)

VALUES(700, 'Rahma', 'Samy', 'KING', '515.123.4567', '1987-06-17', 'AD_PRES', '24000.00', NULL, NULL, '90')

4- **Delete the created location**
DELETE FROM iti.locations
WHERE location_id = 5000;