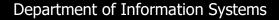
College of Computer Science





كلية علوم الحاسب الآلي

قسم نظم المعلومات

Practice the following exercises alone.

[if you use Live Oracle SQL website, use hr.jobs and hr.employees to access these tables.]

Activity-4:

(2.50 marks).

Assume that the *source* and *target* are JOBS and EMPLOYEES tables from the HR schema, respectively. The EMPLOYEES table contains the following columns named EMPLOYEES_ID,SALARY and COMMISSION_PCT. The JOBS table consists of the following columns named JOB_ID and JOB_TITLE. The data in these two tables is related to each other based on the common JOB_ID column.

Do the following queries:

1. Insert the following values into the Jobs table.

Job_id	Job_title	Min_salary	Max_salary
TR	Trainer	5000	6000
HR	Human Resources	5400	8000

INSERT INTO jobs (job_id, job_title, min_salary, max_salary) VALUES('TR','Trainer', 5000,6000);

INSERT INTO jobs (job_id, job_title, min_salary, max_salary) VALUES('HR', 'Human Resources ', 5400, 8000);

- Query 1: Display job_id , job_title for all jobs including in jobs table.
- Query 2: Display employee id, salary and commission pct for all employees including in employees table.
- **Query 3:** Display job_id , job_title , employee_id, salary and commission_pct from both jobs and employees tables for only employees whose salary is greater than 15000 using inner join.
- Query 4: Display job_id , job_title , employee_id, salary and commission_pct from both jobs and employees tables for only employees whose salary is greater than 5000 using left outer join.
- Query 5: Display job_id , job_title , employee_id, salary and commission_pct from both jobs and employees tables for only employees whose salary is greater than 5000 using right outer join.
- Query 6: Display job_id , job_title , employee_id, salary and commission_pct from both jobs and employees tables for only employees whose salary is greater than 5000 using full outer join.
- Query 7: Display job_id , job_title , employee_id, salary and commission_pct from both jobs and employees.

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قسم نظم المعلومات

Query 1:

SELECT job id, job title From JOBS;

Query 2:

SELECT employee_id, salary, commission_pct from EMPLOYEES;

Query 3:

SELECT j.Job_id, j.Job_title,e.Employee_id,e.Salary,e.Comission_pct FROM EMPLOYEES e INNER JOIN JOBS j ON j.Job_id=e.Job_id WHERE e.salary>15000;

Query 4:

SELECT j.Job_id, j.Job_title,e.Employee_id,e.Salary,e.Comission_pct FROM EMPLOYEES e LEFT JOIN JOBS j ON j.Job_id=e.Job_id WHERE e.salary>5000;

Query 5:

SELECT j.Job_id, j.Job_title,e.Employee_id,e.Salary,e.Comission_pct FROM EMPLOYEES e RIGHT JOIN JOBS j ON j.Job_id=e.Job_id WHERE e.salary>5000;

Query 6:

SELECT j.Job_id, j.Job_title,e.Employee_id,e.Salary,e.Comission_pct FROM EMPLOYEES e FULL OUTER JOIN JOBS j ON j.Job_id=e.Job_id WHERE e.salary>5000;

Query 7:

SELECT j.Job_id, j.Job_title,e.Employee_id,e.Salary,e.Comission_pct FROM JOBS j, EMPLOYEES e;