

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.

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;
```