

SET OPERATIONS

EXP 7




DATE :

1. The HR department needs a list of department IDs for departments that do not contain the job ID ST_CLERK. Use set operators to create this report.

ANS :

```
select dept_id from empl minus
```

```
select dept_id from empl where job_title = 'ST_CLERK'
```

DEPT_ID	
10	
30	
60	
70	
90	
5 rows returned in 0.00 seconds Download	
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2. The HR department needs a list of countries that have no departments located in them. Display the country ID and the name of the countries. Use set operators to create this report.

ANS :

```
SELECT c.country_id, c.country FROM DEPARTMENT c LEFT JOIN department d ON  
c.country_id = d.country_id WHERE d.country_id IS NULL;
```

no data found

3. Produce a list of jobs for departments 10, 50, and 20, in that order. Display job ID and department ID using set operators.

ANS :

```
SELECT job_id, dept_id FROM department WHERE job_id IN (10, 50, 20)
```

```
ORDER BY job_id ;
```

JOB_ID	DEPT_ID
10	1
20	2
50	5

3 rows returned in 0.01 seconds [Download](#)

4. Create a report that lists the employee IDs and job IDs of those employees who currently have a job title that is the same as their job title when they were initially hired by the company (that is, they changed jobs but have now gone back to doing their original job).

```
ANS : SELECT emp_id, job_id FROM empl INTERSECT
```

```
SELECT emp_id, job_id FROM DEPARTMENT;
```

5. The HR department needs a report with the following specifications:
- Last name and department ID of all the employees from the EMPLOYEES table, regardless of whether or not they belong to a department.
 - Department ID and department name of all the departments from the DEPARTMENTS table, regardless of whether or not they have employees working in them Write a compound query to accomplish this.

```
ANS : SELECT last_name, department_id FROM employees UNION
```

```
SELECT dept_name, dept_id FROM department;
```