EX.NO.: 7	USING SET OPERATORS
DATE: 27/08/2024	

1) THE HR DEPARTMENT NEEDS A LIST OF DEPARTMENT IDS FOR DEPARTMENTS THAT DO NOT CONTAINTHE JOB ID ST_CLERK. USE SET OPERATORS TO CREATE THIS REPORT.

```
SELECT DEPT_ID FROM
DEPARTMENTMINUS
SELECT DEPARTMENT_ID FROM
EMPLOYEESWHERE JOB_ID =
'ST_CLERK';
```

DEPT_ID
55
90

2 rows returned in 0.03 seconds   Download

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 CREATETHIS REPORT.

```
SELECT C.COUNTRY_ID,
C.COUNTRY_NAMEFROM
COUNTRIES C
LEFT JOIN DEPARTMENT D ON C.COUNTRY_ID =
D.COUNTRY_IDWHERE D.COUNTRY_ID IS NULL;
```

COUNTRY_ID	COUNTRY_NAME
IS	iceland

1 rows returned in 0.01 seconds   Download

3) PRODUCE A LIST OF JOBS FOR DEPARTMENTS 10, 50, AND 20, IN THAT ORDER. DISPLAY JOB ID ANDDEPARTMENT ID USING SET OPERATORS.

```
SELECT JOB_ID,
DEPARTMENT_IDFROM
```

EMPLOYEES
WHERE DEPARTMENT_ID IN (10,
50, 20)ORDER BY
DEPARTMENT_ID;

JOB_ID	DEPARTMENT_ID
ST_CLERK	10
#ca013	50
#bc023	50
ST_CLERK	50

4 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 DOINGTHEIR ORIGINAL JOB).

```
SELECT EMPLOYEE_ID,
JOB_IDFROM EMPLOYEES
INTERSECT
SELECT EMPLOYEE_ID,
JOB_IDFROM
JOB_HISTORY;
```

EMPLOYEE_ID	JOB_ID
2	#pr010
20	#bl011
30	#eo020
7	#cb025
1	ST_CLERK

5 rows returned in 0.01 seconds   Download

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 DEPARTMENTSTABLE, REGARDLESS OF WHETHER OR NOT THEY HAVE EMPLOYEES WORKING IN THEM WRITE A COMPOUND QUERY TO ACCOMPLISH THIS.

```
SELECT LAST_NAME, DEPARTMENT_ID FROM
EMPLOYEESUNION
SELECT DEPT_NAME, DEPT_ID FROM DEPARTMENT;
```

LAST_NAME	DEPARTMENT_ID
Austin	25
Austin	45
Austin	50
Austin	55
Austin	60
Austin	70

More than 20 rows available. Increase rows selector to view more rows.

20 rows returned in 0.00 seconds   Download