LAB 8

DATE : 08-03-2021

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<div align="center">**SET OPERATORS**</div>

create table EMP049 (Ename varchar2(20), DeptId number(2));

create table Department049 (DeptId number(2), DeptName varchar(15));
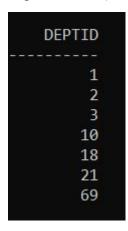
desc EMP049;

desc Department049;

INSERT INTO EMP049 VALUES ('Baby Yoda', 01);

INSERT INTO EMP049 VALUES ('Din Djarin', 21);

INSERT INTO EMP049 VALUES ('Boba Fett', 02);

INSERT INTO EMP049 VALUES ('Master Luke', 10);

INSERT INTO EMP049 VALUES ('Kylo Ren', 03);

INSERT INTO Department049 VALUES (01, 'Operations');

INSERT INTO Department049 VALUES (02, 'Management');

INSERT INTO Department049 VALUES (03, 'Sales');

INSERT INTO Department049 VALUES (69, 'Finance');

INSERT INTO Department049 VALUES (18, 'HR');

```
SQL> desc EMP049;
 Name                                      Null?    Type
 ----------------------------------------- -------- --------------
 ENAME                                              VARCHAR2(20)
 DEPTID                                             NUMBER(2)
```

```
 Name                                      Null?    Type
 ----------------------------------------- -------- --------------
 DEPTID                                             NUMBER(2)
 DEPTNAME                                           VARCHAR2(15)
```

1. **Display all the dept numbers available with the dept and emp tables avoiding duplicates.**

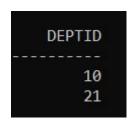   (SELECT DeptId FROM EMP049) UNION (SELECT DeptId FROM Department049);

    ```
    DEPTID
    ---------
            1
            2
            3
           10
           18
           21
           69
    ```

2. **Display all the dept numbers available with the dept and emp tables.**

    (SELECT DeptId FROM EMP049) UNION ALL (SELECT DeptId FROM Department049);

    ```
    DEPTID
    ---------
            1
           21
            2
           10
            3
            1
            2
            3
           69
           18
    ```

3. **Display all the dept numbers available in emp and not in dept tables and vice versa. Solution**

   (SELECT DeptId FROM EMP049) MINUS (SELECT DeptId FROM Department049);

   ```
    DEPTID
   ----------
        10
        21
   ```

   (SELECT DeptId FROM Department049) MINUS (SELECT DeptId FROM EMP049);

   ```
    DEPTID
   ----------
        18
        69
   ```