## Aniket

## Prajapati

**FYCS - 44** 

## PRATICAL NO. 7

Suppose that a Product table contains two attributes, PROD\_CODE and VEND\_CODE. The values for the PROD\_CODE are: ABC, DEF, GHI and JKL. These are matched by the following values for the VEND\_CODE: 125, 124, 124 and 123, respectively (e.g., PROD\_CODE value ABC corresponds to VEND\_CODE value 125). The Vendor table contains a single attribute, VEND\_CODE, with values 123, 124, 125 and 126. (The VEND\_CODE attribute in the Product table is a foreign key to the VEND\_CODE in the Vendor table.)

## Run SQL Command Line SQL> CREATE TABLE VENDOR(VEND\_CODE INT PRIMARY KEY); Table created. SQL> CREATE TABLE PRODUCT(PRO\_CODE VARCHAR(10), VEND\_CODE REFERENCES VENDOR(VEND\_CODE)); Table created.

```
Run SQL Command Line

SQL> INSERT INTO VENDOR VALUES(125);

1 row created.

SQL> INSERT INTO VENDOR VALUES(126);

1 row created.

SQL> INSERT INTO VENDOR VALUES(124);

1 row created.

SQL> INSERT INTO VENDOR VALUES(123);

1 row created.

SQL> SELECT * FROM VENDOR;

VEND_CODE

125
126
124
123
```

```
Run SQL Command Line
SQL> INSERT INTO PRODUCT VALUES('ABC',125);
1 row created.
SQL> INSERT INTO PRODUCT VALUES('DEF',124);
1 row created.
SQL> INSERT INTO PRODUCT VALUES('GHI', 124);
1 row created.
SQL> INSERT INTO PRODUCT VALUES('JKL',123);
1 row created.
SQL> SELECT * FROM PRODUCT;
PRO_CODE
           VEND_CODE
ABC
                 125
                 124
DFF
GHI
                  124
                  123
JKL
```

Given the information, what would be the query output for the following? Show values.

a) A UNION query based on these two tables.

```
Run SQL Command Line

SQL> SELECT VEND_CODE FROM VENDOR

2 UNION

3 SELECT VEND_CODE FROM PRODUCT;

VEND_CODE

123

124

125

126
```

b) A UNION ALL query based on these two tables

```
Run SQL Command Line

SQL> SELECT VEND_CODE FROM VENDOR

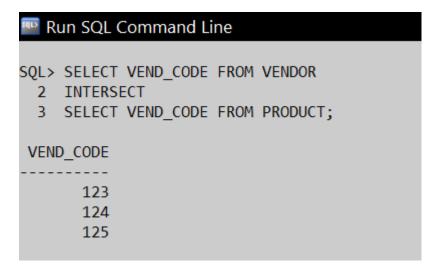
2 UNION ALL

3 SELECT VEND_CODE FROM PRODUCT;

VEND_CODE

125
126
124
123
125
124
124
123
8 rows selected.
```

c) An INTERSECT query based on these two tables



d) A MINUS query based on these two tables

```
Run SQL Command Line

SQL> SELECT VEND_CODE FROM VENDOR

2 MINUS

3 SELECT VEND_CODE FROM PRODUCT;

VEND_CODE

126
```