```
******************************************************************************
*Cursors:(All types: Implicit, Explicit, Cursor FOR Loop, Parameterized Cursor)*
*Write a PL/SQL block of code using parameterized Cursor that will merge the   *
*data available in the newly created table N_Roll_Call with the data available *

*in the table O_Roll_Call. If the data in the first table already exists in the*

*second table then that data should be skipped. Note: Instructor will frame the*
*problem statement for writing PL/SQL block using all types of Cursors in line  *
*with above statement.                                                          *
******************************************************************************
```

SQL> CREATE TABLE o_rollcall(roll_no NUMBER, name VARCHAR2(25), div VARCHAR2(5));

Table created.

SQL> CREATE TABLE n_rollcall(roll_no NUMBER, name VARCHAR2(25), div VARCHAR2(5));

Table created.

SQL> INSERT INTO o_rollcall VALUES(11,'ABHISHEK','A');

1 row created.

SQL> INSERT INTO o_rollcall VALUES(12,'SAKSHI','A');

1 row created.

SQL> INSERT INTO o_rollcall VALUES(13,'SANKET','B');

1 row created.

SQL> INSERT INTO o_rollcall VALUES(14,'MAYUR','A');

1 row created.

SQL> INSERT INTO o_rollcall VALUES(15,'ROHAN','B');

1 row created.

SQL> INSERT INTO o_rollcall VALUES(16,'SANJU','B');

1 row created.

SQL> select * from n_rollcall;

no rows selected

SQL> select * from o_rollcall;

```
   ROLL_NO NAME                          DIV
---------- ------------------------- -----
```

```
            11 ABHISHEK                   A
            12 SAKSHI                     A
            13 SANKET                     B
            14 MAYUR                      A
            15 ROHAN                      B
            16 SANJU                      B

6 rows selected.

SQL> SET SERVEROUT ON
SQL> SET VERIFY OFF
SQL> CREATE OR REPLACE PROCEDURE cursor_imp AS
  2  c_r NUMBER;
  3  c_n VARCHAR2(25);
  4  c_d VARCHAR2(5);
  5  cursor c1 (roll NUMBER , n VARCHAR2 , d VARCHAR2) IS SELECT roll_no , COUNT
(roll_no),name ,COUNT (name), div, COUNT (div) FROM o_rollcall GROUP BY
roll_no,name,div HAVING (COUNT(roll_no)>1) AND (COUNT(name)>1) AND
(COUNT(div)>1) ;
  6  temp  c1%rowtype;
  7  BEGIN
  8  DELETE FROM n_rollcall;
  9  INSERT INTO n_rollcall SELECT * FROM o_rollcall;
 10  OPEN c1(c_r,c_n,c_d);
 11  LOOP
 12  FETCH c1 INTO temp;
 13  EXIT WHEN c1%NOTFOUND;
 14  DELETE FROM n_rollcall WHERE roll_no = temp.roll_no AND name = temp.name
AND div = temp.div;
 15  INSERT INTO n_rollcall VALUES (temp.roll_no,temp.name,temp.div);
 16  dbms_output.put_line(temp.roll_no||temp.name||temp.div);
 17  END LOOP;
 18  END;
 19  /

BEGIN
        cursor_imp;
END;

/

Procedure created.


PL/SQL procedure successfully completed.

SQL> select * from n_rollcall;

   ROLL_NO NAME                      DIV
---------- ------------------------- -----
        11 ABHISHEK                  A
        12 SAKSHI                    A
        13 SANKET                    B
        14 MAYUR                     A
```

```
        15 ROHAN                    B
        16 SANJU                    B

6 rows selected.

SQL>
```