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| **ASSIGNMENT NAME : 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 availablein the newly created table N\_RollCall with the data available in the table O\_RollCall. If the data in the first table already exist in the second table then that data should be skipped.** |

SQL> SET SERVEROUT ON

SQL> SET VERIFY OFF

SQL>

SQL> CREATE TABLE o\_rollcall(roll\_no NUMBER, name VARCHAR2(15), div VARCHAR2(25));

Table created.

SQL> CREATE TABLE n\_rollcall(roll\_no NUMBER, name VARCHAR2(20), div VARCHAR2(15));

Table created.

SQL> INSERT INTO o\_rollcall VALUES(45,'ASHUTOSH','A');

1 row created.

SQL> INSERT INTO o\_rollcall VALUES(46,'ARYAN','A');

1 row created.

SQL> INSERT INTO o\_rollcall VALUES(47,'SANKET','B');

1 row created.

SQL> INSERT INTO o\_rollcall VALUES(45,'ASHUTOSH','A');

1 row created.

SQL> INSERT INTO o\_rollcall VALUES(48,'ROHAN','B');

1 row created.

SQL> INSERT INTO o\_rollcall VALUES(45,'ASHUTOSH','B');

1 row created.

SQL> CREATE PROCEDURE cursor\_imp AS

c\_r NUMBER;

c\_n VARCHAR2(25);

c\_d VARCHAR2(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) ;

temp c1%rowtype;

BEGIN

DELETE FROM n\_rollcall;

INSERT INTO n\_rollcall SELECT \* FROM o\_rollcall;

OPEN c1(c\_r,c\_n,c\_d);

LOOP

FETCH c1 INTO temp;

EXIT WHEN c1%NOTFOUND;

DELETE FROM n\_rollcall WHERE roll\_no = temp.roll\_no AND name = temp.name AND div = temp.div;

INSERT INTO n\_rollcall VALUES (temp.roll\_no,temp.name,temp.div);

dbms\_output.put\_line(temp.roll\_no||temp.name||temp.div);

END LOOP;

END;

19 /

Procedure created.

SQL>

SQL> BEGIN

2 cursor\_imp;

3 END;

4

5 /

PL/SQL procedure successfully completed.

SQL> SELECT \* FROM o\_rollcall;

ROLL\_NO NAME DIV

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45 ASHUTOSH A

46 ARYAN A

47 SANKET B

45 ASHUTOSH A

48 ROHAN B

45 ASHUTOSH B

6 rows selected.

SQL> SELECT \* FROM N\_rollcall;

ROLL\_NO NAME DIV

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46 ARYAN A

47 SANKET B

48 ROHAN B

45 ASHUTOSH B

45 ASHUTOSH A