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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. |

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| **Student Name : Bisu Prem Kashinath** |
| **Roll\_No :13116** |
| **Class : TE-A** |

Microsoft Windows [Version 10.0.22631.3880]

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C:\Users\CN LAB08>sqlplus

SQL\*Plus: Release 21.0.0.0.0 - Production on Tue Aug 13 12:25:27 2024

Version 21.3.0.0.0

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Enter user-name: SYSTEM

Enter password:

Last Successful login time: Tue Aug 13 2024 12:06:53 +05:30

Connected to:

Oracle Database 21c Express Edition Release 21.0.0.0.0 - Production

Version 21.3.0.0.0

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

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 /

Procedure created.

SQL>

SQL> BEGIN

2 cursor\_imp;

3 END;

4

5 /

45ASHUTOSHA

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