Experiment No:6

Name : Tejaswini Landge

Roll no : 31

Class : TE 'C'

Batch : C2

Problem statement:-

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\_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.

Frame the separate problem statement for writing PL/SQL block to implement all types

of Cursors inline with above statement. The problem statement should clearly state the requirements.

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**SQL> connect**

**Enter user-name: system**

**Enter password:**

**Connected.**

**SQL> create table student(roll\_no int,name varchar(20),marks int);**

Table created.

**SQL> insert into student values(1,'abc',39);**

1 row created.

**SQL> insert into student values(2,'pqr',35);**

1 row created.

**SQL> insert into student values(3,'xyz',41);**

1 row created.

**SQL> insert into student values(4,'cde',37);**

1 row created.

**SQL> insert into student values(5,'lmo',46);**

1 row created.

**SQL> select \* from student;**

ROLL\_NO NAME MARKS

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1 abc 39

2 pqr 35

3 xyz 41

4 cde 37

5 lmo 46

**SQL> create table newstudent(roll\_no int,name varchar(20),marks int);**

Table created.

**SQL> insert into newstudent values(1,'abc',45);**

1 row created.

**SQL> insert into newstudent values(3,'xyz',45);**

1 row created.

**SQL> insert into newstudent values(7,'xyzr',95);**

1 row created.

**SQL> insert into newstudent values(8,'pqrs',65);**

1 row created.

**SQL> edit roll**

declare

cursor cur\_s is select \* from student;

cursor cur\_new(a int) is select \* from newstudent where roll\_no =a;

nrec newstudent%rowtype;

begin

for srec in cur\_s

loop

open cur\_new(srec.roll\_no);

fetch cur\_new into nrec;

if cur\_new%notfound then

insert into newstudent values(srec.roll\_no,srec.name,srec.marks);

end if;

close cur\_new;

end loop;

end;

**SQL> @C:\Users\Samarth\Documents\roll**

PL/SQL procedure successfully completed.

**SQL> select \* from newstudent;**

ROLL\_NO NAME MARKS

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1 abc 45

3 xyz 45

7 xyzr 95

8 pqrs 65

2 pqr 35

4 cde 37

5 lmo 46

7 rows selected.

**SQL>**