

ASSIGNMENT NO : 6

NAME:

ROLL NO:

Problem Statement:-Cursor:-(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 exists in the second table then that data should be skipped .

```
mysql> CREATE DATABASE ASSGN6;  
Query OK, 1 row affected (0.00 sec)
```

```
mysql> USE ASSGN6;  
Database changed
```

```
mysql> CREATE TABLE STUD_MARKS(ROLLNO INT(11),NAME  
VARCHAR(10),TOTAL_MARKS INT(11));  
Query OK, 0 rows affected (0.37 sec)
```

```
mysql> CREATE TABLE NEW_STUD_MARKS(ROLLNO INT(11),GRADE CHAR(10));  
Query OK, 0 rows affected (0.37 sec)
```

```
mysql> INSERT INTO STUD_MARKS (ROLLNO,NAME,TOTAL_MARKS)  
VALUES  
(1,'PUNAM',80),  
(2,'SHRADDHA',90),  
(3,'VAIBHAV',70),  
(4,'RESHMA',60),  
(5,'PRATIKSHA',50);  
Query OK, 5 rows affected (0.33 sec)  
Records: 5 Duplicates: 0 Warnings: 0
```

```
mysql> DELIMITER //  
mysql> CREATE PROCEDURE SET_CURSOR6()  
BEGIN  
DECLARE ROLL_NO INTEGER;  
DECLARE MARKS INTEGER;  
DECLARE FLAG INTEGER;  
DECLARE C1 CURSOR FOR SELECT ROLLNO, TOTAL_MARKS FROM
```

```

STUD_MARKS;
OPEN C1;
LL:LOOP
FETCH C1 INTO ROLL_NO, MARKS;
SET FLAG=0;
SELECT ROLLNO INTO FLAG FROM NEW_STUD_MARKS WHERE
NEW_STUD_MARKS.ROLLNO = ROLL_NO;
IF FLAG=0 THEN
IF MARKS <= 100 AND MARKS >= 65 THEN INSERT INTO NEW_STUD_MARKS
VALUES (ROLL_NO,'DIST');
END IF;
IF MARKS < 65 AND MARKS >= 60 THEN INSERT INTO NEW_STUD_MARKS VALUES
(ROLL_NO,'FC');
END IF;
IF MARKS < 60 AND MARKS >= 50 THEN INSERT INTO NEW_STUD_MARKS VALUES
(ROLL_NO,'SC');
END IF;
IF MARKS < 50 AND MARKS >= 40 THEN INSERT INTO NEW_STUD_MARKS VALUES
(ROLL_NO,'PC');
END IF;
IF MARKS < 40 THEN INSERT INTO NEW_STUD_MARKS VALUES (ROLLNO,'FAIL');
END IF;
END IF;
END LOOP LL;
CLOSE C1;
END;
//
Query OK, 0 rows affected (0.00 sec)

```

```

mysql> CALL SET_CURSOR6; //
ERROR 1329 (02000): No data - zero rows fetched, selected, or processed

```

```

mysql> SELECT *FROM NEW_STUD_MARKS; //

```

```

+-----+-----+
| ROLLNO | GRADE |
+-----+-----+
| 1 | DIST |
| 2 | DIST |
| 3 | DIST |
| 4 | FC   |
| 5 | SC   |
+-----+-----+

```

```

5 rows in set (0.00 sec)

```
