**Assignment 6**

**Procedure:**

delimiter $

CREATE PROCEDURE cursor\_proc2()

BEGIN

DECLARE id int(3);

DECLARE sal int(5);

DECLARE exit\_loop BOOLEAN ;

DECLARE c1 CURSOR FOR SELECT Eid,salary FROM Employee;

DECLARE CONTINUE HANDLER FOR NOT FOUND SET exit\_loop = TRUE;

OPEN c1;

L1: LOOP

FETCH c1 INTO id,sal;

If sal>40000 then

Update Employee set salary=sal+5000 where Eid=id;

else

Update Employee set salary=sal+1000 where Eid=id;

End If;

IF exit\_loop THEN

CLOSE c1;

LEAVE L1;

END IF;

END LOOP L1;

END $

This cursor will Increment salary of employyes having salaries less then 40,000/- by 1000/- and rest

of

the employees by 5000/-

mysql> select \* from Employee;

+-----+---------+-------+--------+

| Eid | ename | edept | salary |

+-----+---------+-------+--------+

| 100 | Anita | Comp | 33000 |

| 101 | Nikhil | Comp | 38000 |

| 102 | Prachi | ENTC | 28000 |

| 103 | Archana | AUTO | 60000 |

+-----+---------+-------+--------+

4 rows in set (0.05 sec)

mysql> call cursor\_proc2();

Query OK, 0 rows affected (0.28 sec)

mysql> select \* from Employee;

+-----+---------+-------+--------+

| Eid | ename | edept | salary |

+-----+---------+-------+--------+

| 100 | Anita | Comp | 34000 |

| 101 | Nikhil | Comp | 39000 |

| 102 | Prachi | ENTC | 29000 |

| 103 | Archana | AUTO | 65000 |

+-----+---------+-------+--------+

4 rows in set (0.00 sec)

Cursor to insert Roll No from old table to New table;

delimiter $

CREATE PROCEDURE rollcur(IN rno1 int)

BEGIN

DECLARE rno int;

DECLARE exit\_loop BOOLEAN;

DECLARE c1 CURSOR FOR SELECT RollNo FROM Oldrollcall where RollNo=rno1;

DECLARE CONTINUE HANDLER FOR NOT FOUND SET exit\_loop = TRUE;

OPEN c1;

emp\_loop: LOOP

FETCH c1 INTO rno;

If not exists(select \* from Newrollcall where RollNo=rno) then

insert into Newrollcall select \* from Oldrollcall where RollNo=rno;

End If;

IF exit\_loop THEN

CLOSE c1;

LEAVE emp\_loop;

END IF;

END LOOP emp\_loop;

END $

delimiter ;

create two tables Oldrollcall and Newrollcall

mysql> select \* from Oldrollcall;

+--------+--------+-------+--------+

| RollNo | Name | class | branch |

+--------+--------+-------+--------+

| 1 | Amit | SE | COMP |

| 2 | Nihkil | TE | ENTC |

| 3 | Aniket | BE | Civil |

| 4 | Pooja | SE | COMP |

+--------+--------+-------+--------+

4 rows in set (0.04 sec)

mysql> select \* from Newrollcall;

+--------+--------+-------+--------+

| RollNo | Name | class | branch |

+--------+--------+-------+--------+

| 1 | Amit | SE | COMP |

| 2 | Nihkil | TE | ENTC |

+--------+--------+-------+--------+

2 rows in set (0.00 sec)

Now Execute Cursor

mysql> call rollcur(3);

Query OK, 0 rows affected (0.00 sec)

mysql> select \* from Newrollcall;

+--------+--------+-------+--------+

| RollNo | Name | class | branch |

+--------+--------+-------+--------+

| 1 | Amit | SE | COMP |

| 2 | Nihkil | TE | ENTC |

| 3 | Aniket | BE | Civil |

+--------+--------+-------+--------+

3 rows in set (0.00 sec)