**Assignment 6**

**Problem Statement :** 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.

**Code:**

mysql> create table old\_roll(roll int,name varchar(10));

Query OK, 0 rows affected (0.22 sec)

mysql> create table new\_roll(roll int,name varchar(10));

Query OK, 0 rows affected (0.27 sec)

mysql> insert into old\_roll values(8,'naruto'),(6,'sasuke'),(2,'itatchi'),(5,'minato');

Query OK, 4 rows affected (0.03 sec)

Records: 4 Duplicates: 0 Warnings: 0

mysql> insert into new\_roll values(4,'shisui'),(5,'minato'),(2,'itatchi');

Query OK, 3 rows affected (0.03 sec)

Records: 3 Duplicates: 0 Warnings: 0

mysql> select \* from old\_roll;

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

| roll | name |

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

| 8 | naruto |

| 6 | sasuke |

| 2 | itatchi |

| 5 | minato |

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

4 rows in set (0.00 sec)

mysql> select \* from new\_roll;

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

| roll | name |

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

| 4 | shisui |

| 5 | minato |

| 2 | itatchi |

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

3 rows in set (0.00 sec)

mysql> delimiter //

mysql> create procedure upse()

-> begin

-> declare num int;

-> declare flag int default 0;

-> declare cur cursor for select roll from old\_roll;

-> declare continue handler for not found set flag=1;

-> open cur;

-> iterator:loop

-> if flag=1 then leave iterator;

-> end if;

-> fetch cur into num;

-> if not exists(select roll,name from new\_roll where roll=num) then

insert into new\_roll select roll,name from old\_roll where roll=num;

-> end if;

-> end loop iterator;

-> close cur;

-> end //

Query OK, 0 rows affected (0.05 sec)

mysql> delimiter ;

mysql> select \* from new\_roll;

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

| roll | name |

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

| 4 | shisui |

| 5 | minato |

| 2 | itatchi |

| 8 | naruto |

| 6 | sasuke |

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

5 rows in set (0.00 sec)

mysql> notee