***Assignment:6***

mysql> use assign6;

Database changed

mysql> create table O\_RollCall(roll int(3),name char(20));

Query OK, 0 rows affected (0.36 sec)

mysql> create table N\_RollCall(roll int(3),name char(20));

Query OK, 0 rows affected (0.25 sec)

mysql> insert into O\_RollCall values(1,'AA');

Query OK, 1 row affected (0.08 sec)

mysql> insert into O\_RollCall values(2,'BB');

Query OK, 1 row affected (0.08 sec)

mysql> insert into O\_RollCall values(3,'CC');

Query OK, 1 row affected (0.17 sec)

mysql> insert into O\_RollCall values(4,'DD');

Query OK, 1 row affected (0.08 sec)

mysql> insert into O\_RollCall values(5,'EE');

Query OK, 1 row affected (0.08 sec)

mysql> insert into N\_RollCall values(1,'AA');

Query OK, 1 row affected (0.18 sec)

mysql> insert into N\_RollCall values(6,'FF');

Query OK, 1 row affected (0.08 sec)

mysql> insert into N\_RollCall values(7,'GG');

Query OK, 1 row affected (0.08 sec)

mysql> insert into N\_RollCall values(8,'HH');

Query OK, 1 row affected (0.07 sec)

mysql> select \* from O\_RollCall;

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

| roll | name |

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

| 1 | AA |

| 2 | BB |

| 3 | CC |

| 4 | DD |

| 5 | EE |

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

5 rows in set (0.00 sec)

mysql> select \* from N\_RollCall;

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

| roll | name |

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

| 1 | AA |

| 6 | FF |

| 7 | GG |

| 8 | HH |

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

4 rows in set (0.00 sec)

mysql> delimiter //

mysql> create procedure cursor\_proc()

-> begin

-> declare fin integer default 0;

-> declare old\_roll int(3);

-> declare old\_name char(20);

-> declare new\_roll int(3);

-> declare old\_csr cursor for select roll,name from O\_RollCall;

-> declare new\_csr cursor for select roll from N\_RollCall;

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

-> open old\_csr;

-> open new\_csr;

-> ss: loop

-> fetch old\_csr into old\_roll,old\_name;

-> fetch new\_csr into new\_roll;

-> if fin=1 then

-> leave ss;

-> end if;

-> if old\_roll<>new\_roll then

-> insert into N\_RollCall values(old\_roll,old\_name);

-> end if;

-> end loop;

-> close old\_csr;

-> close new\_csr;

-> end //

Query OK, 0 rows affected (0.00 sec)

mysql> call cursor\_proc();

-> //

Query OK, 0 rows affected (0.23 sec)

mysql> select \* from O\_RollCall;

-> //

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

|Roll | name |

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

| 1 | AA |

| 2 | BB |

| 3 | CC |

| 4 | DD |

| 5 | EE |

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

5 rows in set (0.00 sec)

mysql> select \* from N\_RollCall;

-> //

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

| roll | name |

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

| 1 | AA |

| 6 | FF |

| 7 | GG |

| 8 | HH |

| 2 | BB |

| 3 | CC |

| 4 | DD |

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

7 rows in set (0.00 sec)