```
mysql> CREATE TABLE O_ROLLCALL(
    -> RNO INTEGER PRIMARY KEY,
    -> NAME VARCHAR(50));
Query OK, 0 rows affected (0.01 sec)

mysql> INSERT INTO O_ROLLCALL VALUES(1, 'A');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO O_ROLLCALL VALUES(2, 'B');
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO O_ROLLCALL VALUES(3, 'C');
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO O_ROLLCALL VALUES(4, 'D');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO O_ROLLCALL VALUES(5, 'E');
Query OK, 1 row affected (0.00 sec)

mysql> SELECT *FROM O_ROLLCALL;
+-----+------+
| RNO | NAME |
+-----+------+
|   1 | A    |
|   2 | B    |
|   3 | C    |
|   4 | D    |
|   5 | E    |
+-----+------+
5 rows in set (0.00 sec)

mysql> CREATE TABLE N_ROLLCALL(
    -> RNO INTEGER,
    -> NAME VARCHAR(50));
Query OK, 0 rows affected (0.03 sec)

mysql> INSERT INTO N_ROLLCALL VALUES(1, 'A');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO N_ROLLCALL VALUES(3, 'C');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO N_ROLLCALL VALUES(5, 'E');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> SELECT *FROM N_ROLLCALL;
+------+------+
| RNO  | NAME |
+------+------+
|    1 | A    |
|    3 | C    |
|    5 | E    |
+------+------+
3 rows in set (0.00 sec)

mysql> DELIMITER $
mysql> CREATE PROCEDURE PROD(IN ROLL1 INT)
    -> BEGIN
    -> DECLARE ROLL2 INT;
    -> DECLARE EXITCONDITION BOOLEAN;
    -> DECLARE CUR1 CURSOR FOR SELECT RNO FROM O_ROLLCALL WHERE RNO>ROLL1;
    -> DECLARE CONTINUE HANDLER FOR NOT FOUND SET EXITCONDITION = TRUE;
    -> OPEN CUR1;
    -> L1: LOOP
    -> FETCH CUR1 INTO ROLL2;
    -> IF NOT EXISTS (SELECT* FROM N_ROLLCALL WHERE RNO = ROLL2) THEN
    -> INSERT INTO N_ROLLCALL SELECT* FROM O_ROLLCALL WHERE RNO = ROLL2;
    -> END IF;
    -> IF EXITCONDITION THEN
    -> CLOSE CUR1;
    -> LEAVE L1;
    -> END IF;
    -> END LOOP L1;
    -> END;
    -> $
Query OK, 0 rows affected (0.01 sec)

mysql> CALL PROD(1);
Query OK, 0 rows affected (0.00 sec)

mysql> SELECT*FROM N_ROLLCALL;
+------+------+
| RNO  | NAME |
+------+------+
|    1 | A    |
|    3 | C    |
|    5 | E    |
|    4 | D    |
|    2 | B    |
+------+------+
5 rows in set (0.00 sec)
```

```
mysql> SELECT*FROM N_ROLLCALL
    -> ORDER BY RNO;
+------+------+
| RNO  | NAME |
+------+------+
|    1 | A    |
|    2 | B    |
|    3 | C    |
|    4 | D    |
|    5 | E    |
+------+------+
5 rows in set (0.00 sec)
```