Scenarios :

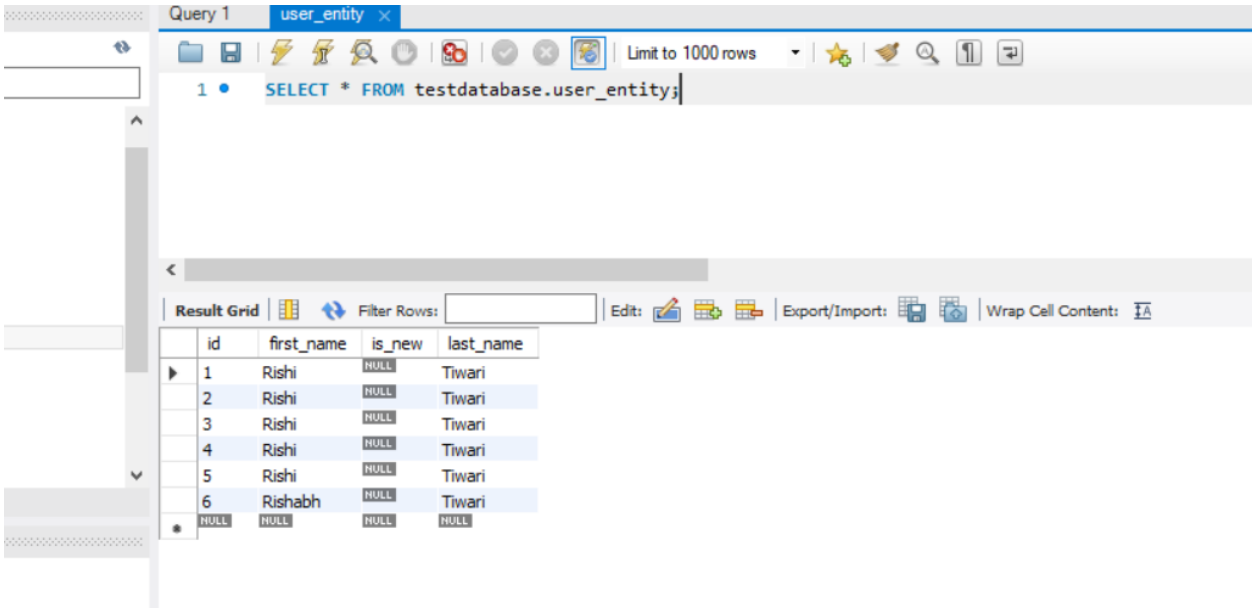
- First Scenario :

  /* Test 1 — no exception thrown, everything committed

  * Outcome : Happy case

  */

  DB output : All items will get working.



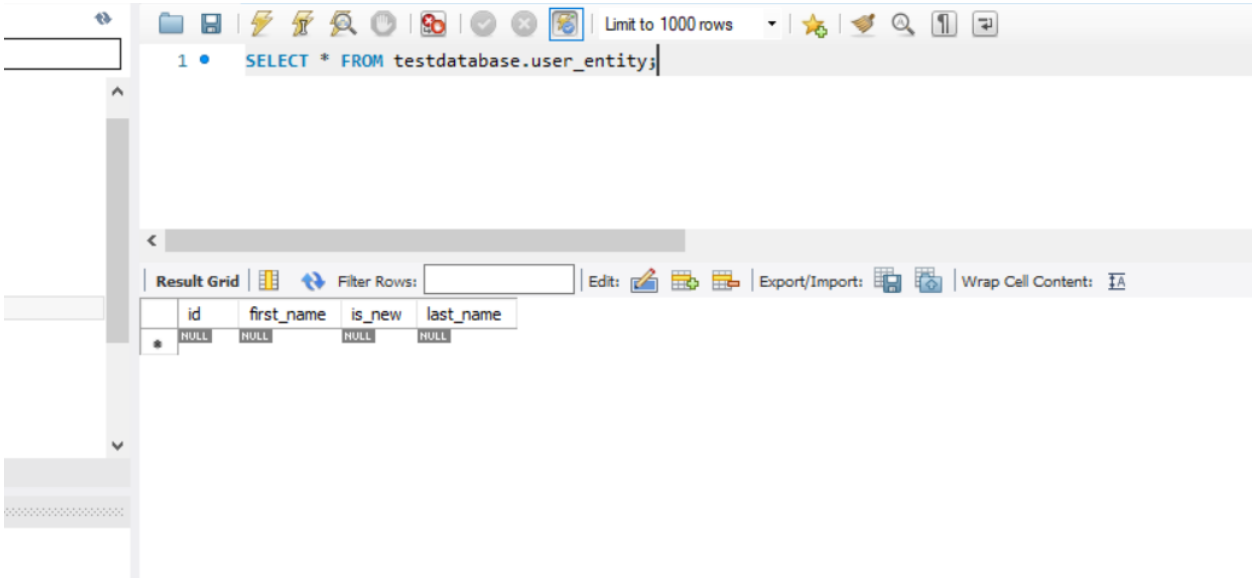
- Second Scenario :

  /*

  * Test 2 — exception thrown in an inner transaction,
  * no handling in outer transaction
  *
  * Outcome: Everything got rollback.
  */

  */

  DB output : All items will get rollbacked.

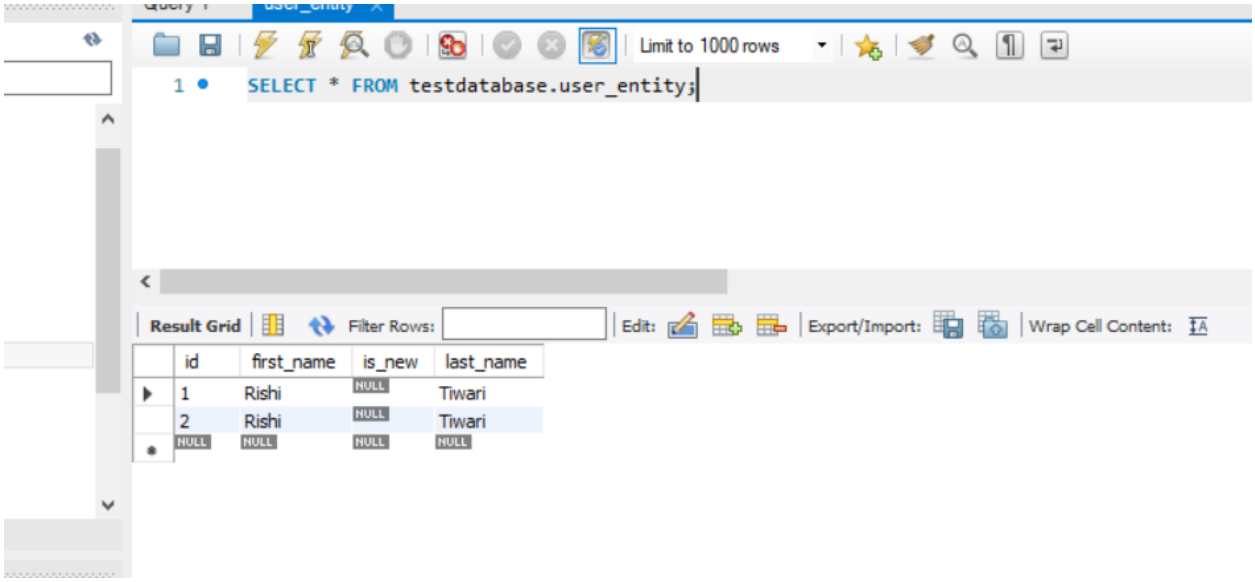


- Three Scenario :

  /*

  * Test 3— exception thrown in an inner transaction,
  * noRollbackFor=TransactionFailureException
  * in outer transaction
  * Outcome : exception throw on 3 item,
  * last 2 will persist in this scenario
  */

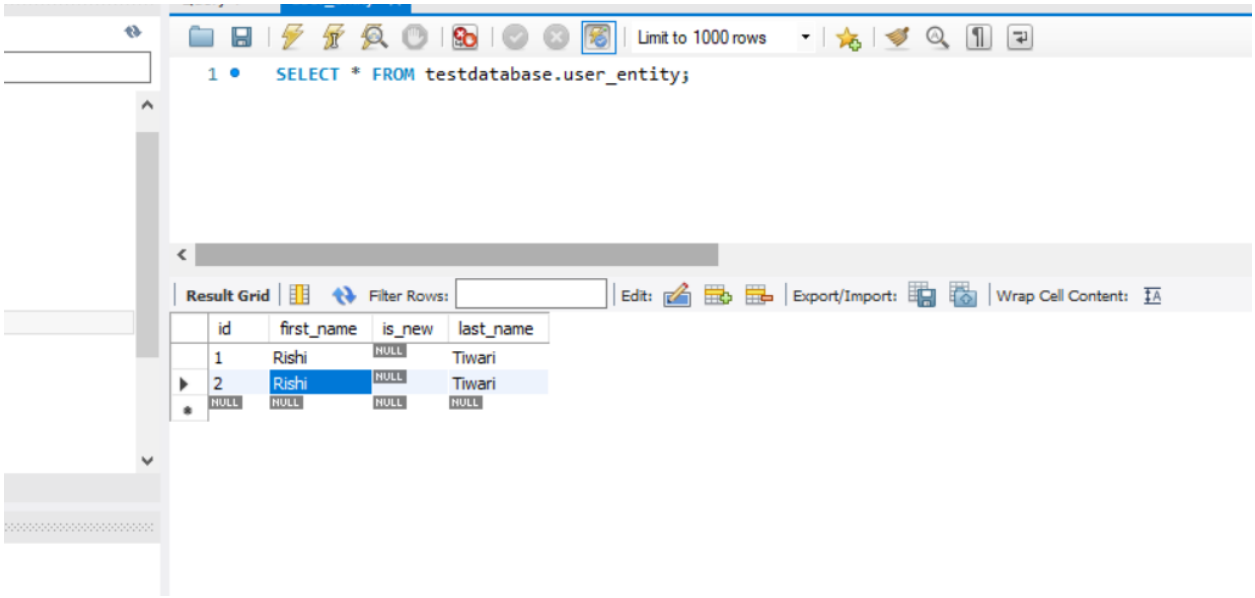
  DB output :Rollback will happen for current item, last two will not get rollback.



- Fourth Scenario :

```
/*
        * Test 4— exception thrown in an inner transaction,
        *  try/catch block in outer transaction
        *
        */
```

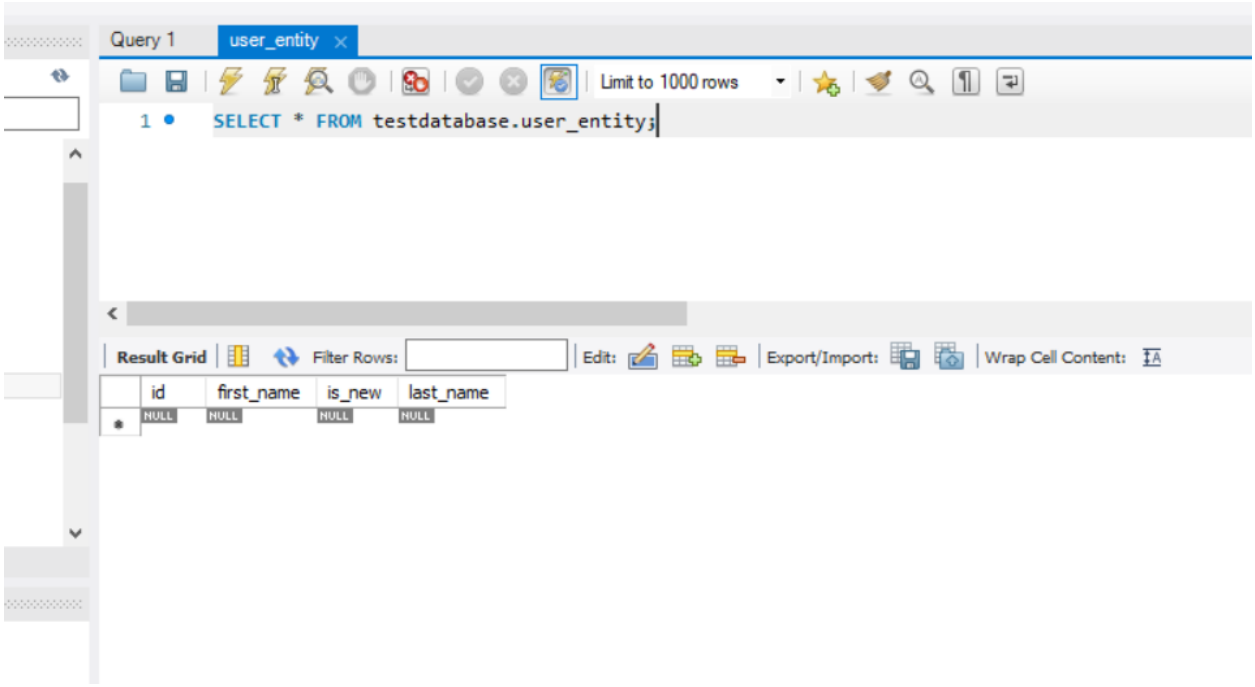
DB output :Rollback will happen for current item, first two items will not get rollback.



- Fifth Scenario :

```
/*
        * Test 5 — exception (ObjectOptimisticLockingFailureException)
        *  thrown in an inner transaction,
        *  no handling in outer transaction
        *
        *  Outcome: Everything got rollback
        */
```

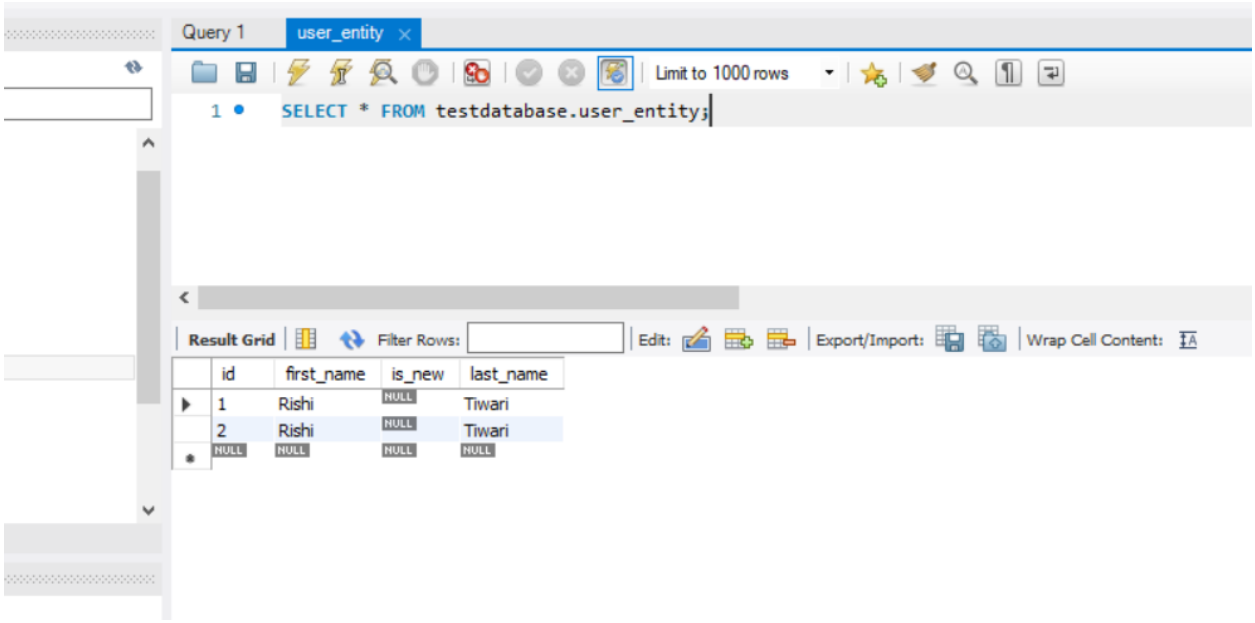
DB output :Rollback will happen to all the elements.



- Sixth Scenario :

```
/*
        * Test 6— exception thrown in an inner transaction,
        * noRollbackFor=TransactionFailureException
        *  in outer transaction
        *
        *  Outcome :  exception throw on 3 item,
        *  first 2 will persist in this scenario
        */
```

DB output : Rollback will happen to current item only..last two items will persist.

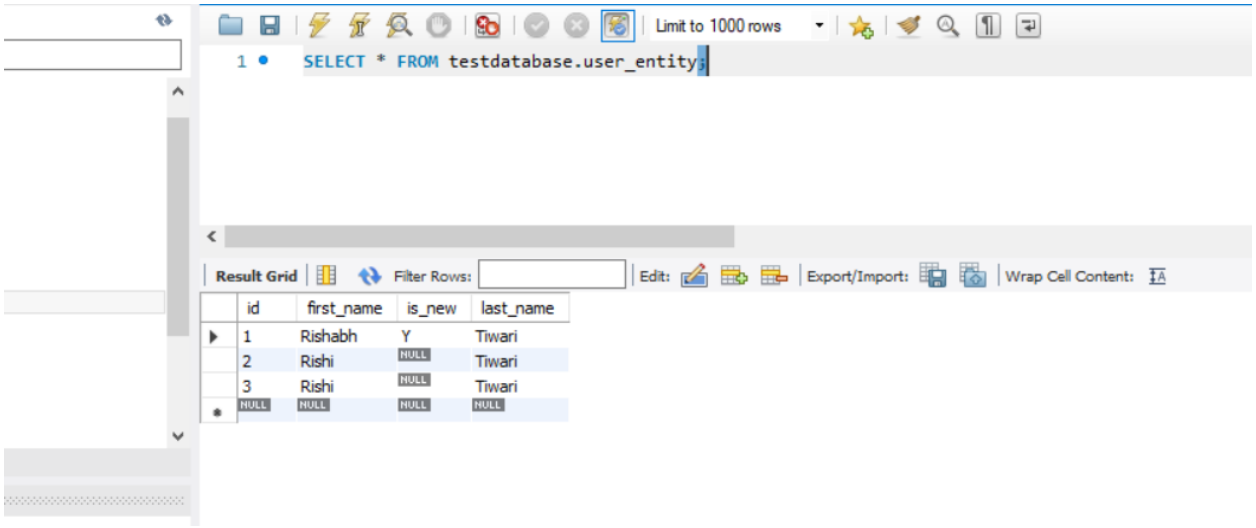


- Seventh Scenario :

```
/*
        * Test 7—
        *
        * Trying to update one item in outer transaction
        *
        * exception thrown in an inner transaction,
        * noRollbackFor=TransactionFailureException
        * in outer transaction
        *
        * Outcome :  exception throw on 3 item,
        * first 2 will persist in this scenario
        */
```

DB output : Rollback will happen to current item only..last two items will persist along with first transaction update.

Note : This one will help with the current proposed solution by me.


Limit to 1000 rows
1 SELECT * FROM testdatabase.user_entity;
Result Grid
Filter Rows:
Edit:
Export/Import:
Wrap Cell Content:
id
first_name
is_new
last_name
1
Rishabh
Y
Tiwari
2
Rishi
NULL
Tiwari
3
Rishi
NULL
Tiwari
NULL
NULL
NULL
NULL