

## Exercise 5: Triggers

### Output:

### Scenario 3:

### Check Transaction:

The screenshot shows the MySQL Workbench interface. The SQL editor contains the following code:

```
54 • INSERT INTO Transactions (TransactionID, AccountID, TransactionDate, Amount, TransactionType)
55   VALUES (2003, 1, CURDATE(), 999999, 'Withdrawal');
56
57 -- Negative deposit (should fail)
58 • INSERT INTO Transactions (TransactionID, AccountID, TransactionDate, Amount, TransactionType)
59   VALUES (2004, 1, CURDATE(), -50, 'Deposit');
60
61 -- Confirm what actually got inserted
62 • SELECT TransactionID, Amount, TransactionType
63   FROM Transactions
64   WHERE TransactionID IN (2003, 2004);
```

The SQL editor toolbar shows "Limit to 1000 rows". The "Result Grid" shows the following data:

| TransactionID | Amount | TransactionType |
|---------------|--------|-----------------|
| 2001          | 100.00 | Deposit         |
| 2002          | 300.00 | Withdrawal      |

The "Output" pane shows the following messages:

| #   | Time     | Action  | Message                                   | Duration / Fetch      |
|-----|----------|---|---|-----------------------|
| 134 | 19:21:25 | INSERT INTO Transactions (TransactionID, AccountID, TransactionDate, Amount, TransactionType)       | Error Code: 1644. Amount must be positive | 0.000 sec             |
| 135 | 19:21:52 | SELECT TransactionID, Amount, TransactionType FROM Transactions WHERE TransactionID IN (2003, 2004) | 2 row(s) returned                         | 0.000 sec / 0.000 sec |