

Exercise 5: Triggers

Output:

Scenario 1:

Update Customer Last Modified:

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

```
1 DELIMITER $$
2
3 CREATE TRIGGER UpdateCustomerLastModified
4 BEFORE UPDATE ON Customers
5 FOR EACH ROW
6 BEGIN
7     SET NEW.LastModified = CURDATE();
8 END$$
9
```

The Result Grid shows the following data:

CustomerID	Name	DOB	Balance	LastModified	IsVIP
1	John Doe	1935-05-15	1100.00	2025-06-28	0

The Output pane shows the following messages:

#	Time	Action	Message	Duration / Fetch
105	19:00:20	UPDATE Customers SET Balance = Balance + 100 WHERE CustomerID = 1	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.031 sec
106	19:00:20	SELECT * FROM Customers WHERE CustomerID = 1 LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec