

Exercise 6: Cursors

Output:

Scenario 2:

Apply Annual Fee:

The screenshot shows the MySQL Workbench interface with a local instance of MySQL80. The 'Schemas' pane on the left shows the 'banksystem' database with tables 'accounts', 'customers', 'employees', 'loans', and 'transactions'. The 'Query' tab is active, showing a SQL script to create a stored procedure 'ApplyAnnualFee'. The 'Result Grid' shows the execution of the procedure for account ID 200, resulting in 0 rows affected. The 'Output' pane at the bottom shows the execution log.

SQL Script:

```
1 DROP PROCEDURE IF EXISTS ApplyAnnualFee;
2 DELIMITER $$
3
4 CREATE PROCEDURE ApplyAnnualFee(IN p_fee DECIMAL(10,2))
5 BEGIN
6     DECLARE done INT DEFAULT 0;
7     DECLARE v_acct INT;
8
```

Result Grid:

AccountID	Balance
1	49396.00
2	2200.00
3	17980.00
4	4000.00
5	10455.50

Output:

#	Time	Action	Message	Duration / Fetch
✓ 164	19:33:44	CALL ApplyAnnualFee(200)	0 row(s) affected	0.032 sec
✓ 165	19:33:48	SELECT AccountID, Balance FROM Accounts LIMIT 5	5 row(s) returned	0.000 sec / 0.000 sec