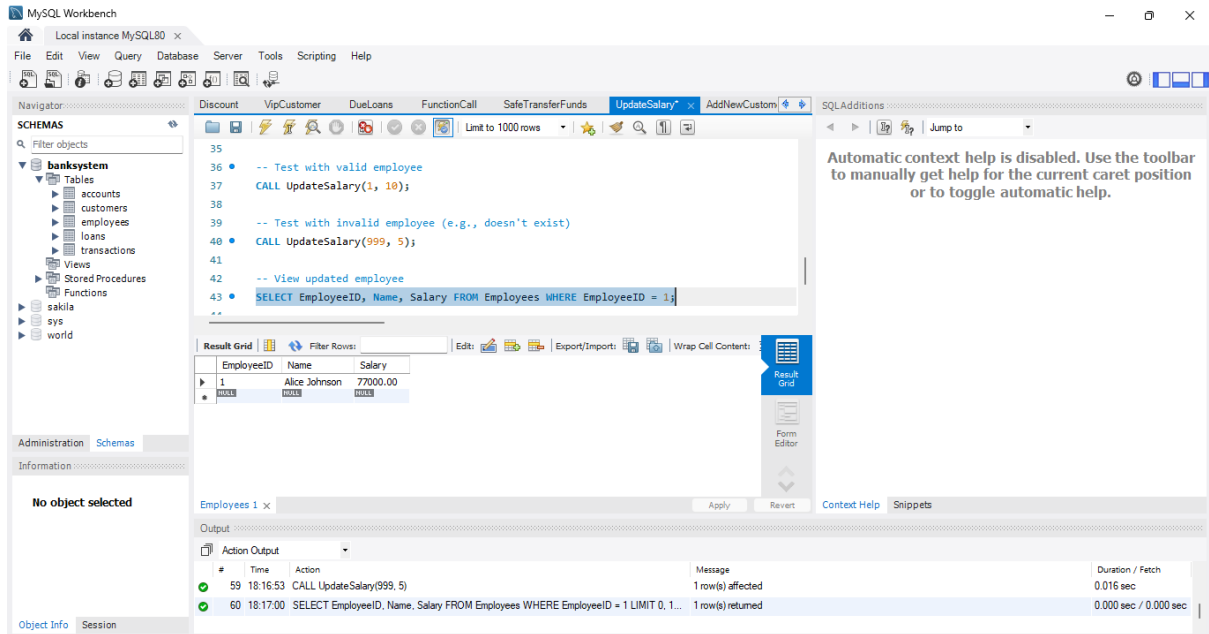


Exercise 2: Error Handling

Output:

Scenario 2:

Updated Employee:



MySQL Workbench interface showing the execution of the `UpdateSalary` query. The query editor displays the following SQL:

```
35
36 -- Test with valid employee
37 CALL UpdateSalary(1, 10);
38
39 -- Test with invalid employee (e.g., doesn't exist)
40 CALL UpdateSalary(999, 5);
41
42 -- View updated employee
43 SELECT EmployeeID, Name, Salary FROM Employees WHERE EmployeeID = 1;
```

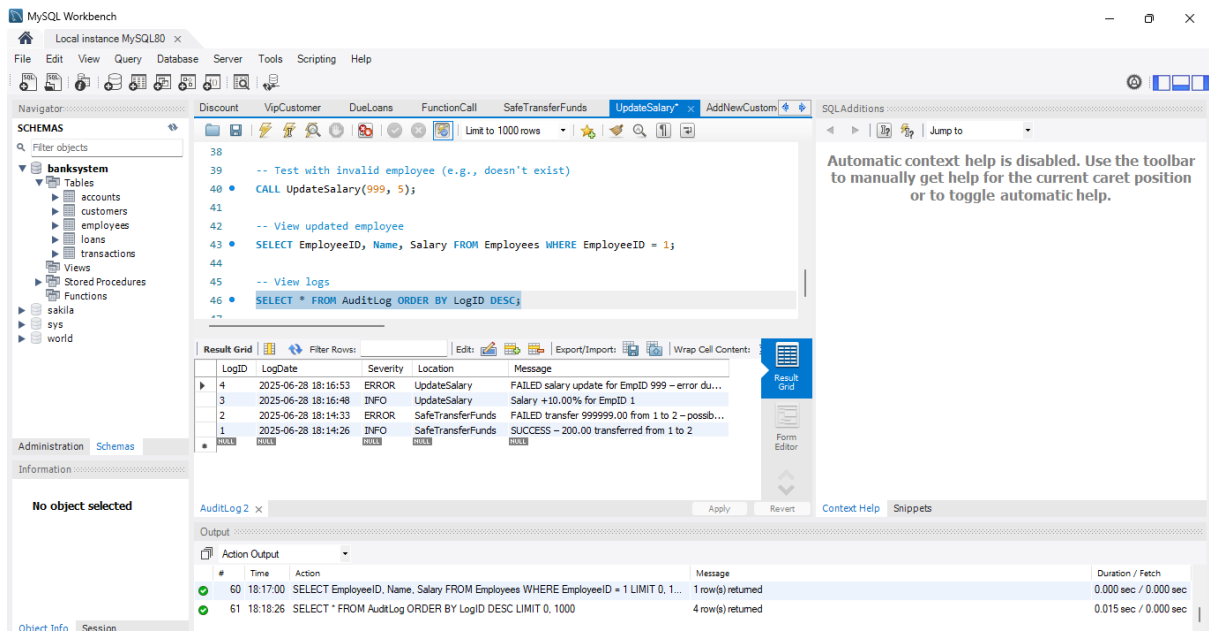
The **Result Grid** shows the output of the query:

EmployeeID	Name	Salary
1	Alice Johnson	77000.00

The **Output** pane shows the execution log:

#	Time	Action	Message	Duration / Fetch
59	18:16:53	CALL UpdateSalary(999, 5)	1 row(s) affected	0.016 sec
60	18:17:00	SELECT EmployeeID, Name, Salary FROM Employees WHERE EmployeeID = 1 LIMIT 0, 1...	1 row(s) returned	0.000 sec / 0.000 sec

View Logs:



MySQL Workbench interface showing the execution of the `View Logs` query. The query editor displays the following SQL:

```
38
39 -- Test with invalid employee (e.g., doesn't exist)
40 CALL UpdateSalary(999, 5);
41
42 -- View updated employee
43 SELECT EmployeeID, Name, Salary FROM Employees WHERE EmployeeID = 1;
44
45 -- View logs
46 SELECT * FROM AuditLog ORDER BY LogID DESC;
```

The **Result Grid** shows the output of the query:

LogID	LogDate	Severity	Location	Message
4	2025-06-28 18:16:53	ERROR	UpdateSalary	FAILED salary update for EmpID 999 - error du...
3	2025-06-28 18:16:48	INFO	UpdateSalary	Salary +10.00% for EmpID 1
2	2025-06-28 18:14:33	ERROR	SafeTransferFunds	FAILED transfer 999999.00 from 1 to 2 - possib...
1	2025-06-28 18:14:26	INFO	SafeTransferFunds	SUCCESS - 200.00 transferred from 1 to 2

The **Output** pane shows the execution log:

#	Time	Action	Message	Duration / Fetch
60	18:17:00	SELECT EmployeeID, Name, Salary FROM Employees WHERE EmployeeID = 1 LIMIT 0, 1...	1 row(s) returned	0.000 sec / 0.000 sec
61	18:18:26	SELECT * FROM AuditLog ORDER BY LogID DESC LIMIT 0, 1000	4 row(s) returned	0.015 sec / 0.000 sec