Lab: Committing and Rolling back a Transaction using a Stored Procedure

complex this the year will militize a DD2 database service on IBM Cloud. If you did not already complete this blo task earlier in this module, you will not yet have access to DD2 on IBM Cloud, and you will need to follow the lab below first.

- Hands-on Lab: Sign up the IBM Cloud, Conta DD2 service instance and Get started with the DD2 consults.

Data Used in this Lab

ACCOUNTNUMBER	ACCOUNTNAME	BALANCE
B001	Rose	300.00
B002	James	1345.00
B003	Shoe Shop	124200.00
B004	Corner Shop	76000.00

PRODUCT	STOCK	PRICE
Boots	11	200.00
High heels	8	600.00
Brogues	10	150.00
Trainers	14	300.00

Permanently save the changes done in a transaction
 Undo the transaction that has not been saved

Ex	Exercise				
Tasl	Task A: Example exercise				
	Let us go through an example on committing and relifies freels a transaction				
1.	1. Make now you have constant and populated in Bank Accesseds and Shooskhop tables by following the "Bink Eved in this Link" rection of this lab.				
	ACCOUNTNUMBER	ACCOUNTNAME	BALANCE		
	B001	Rose	300.00		
	B002	James	1345.00		
	B003	Shoe Shop	124200.00		
	B004	Corner Shop	76000.00		
		331131 31139	7 0 0 0 0 0 0		

PRODUCT	STOCK	PRICE
Boots	11	200.00
High heels	8	600.00
Brogues	10	150.00
Trainers	14	300.00

- Vor will create a sireed procedure routine named TRANSACTION ROSE which will include TCL commands like COMMIT and ROLLBACK.
- Now advolup the neutrin based on the given occurries to exceed a remeasion.
- Normarie: Let's by Rose a prior of Rose from ShockSup, So we have to pelate the Rose balance as well as the ShockSup balance in the BlankAcc or because the new operator routine on Shocksup balance in the BlankAcc or because the new operator routine on Shocksup when can be done and on the Rose Sup. Page, Clock Rose all.
- No constitute new operator routine on Shocksup on teach other and page is the forther of the Rose Sup!, page, Clock Rose all.

To crusis the short procedure routine on DMC, copy the code below and pasts it to the toubox of the Ram MQL page. Chick Ram and restrict the control of the Ram MQL page. Chick Ram and restrict procedure routine - Language used in this crusing soft procedure routine - Language used in this crusing soft page 186. This restrict and in the table 655% - This restrict while only writemedify data in the table 655% - This restrict while only writemedify data in the table 655% - This restrict while only writemedify data in the table 655% - This restrict while only writemedify data in the table 655% - This restrict while only writemedify data in the table 655% - This restrict while only writemedify data in the table 655% - This restrict while the control of the control o

UPDATE BunkAccounts SET Balance - Balance-200 MMGRE AccountBase - 'Rose';

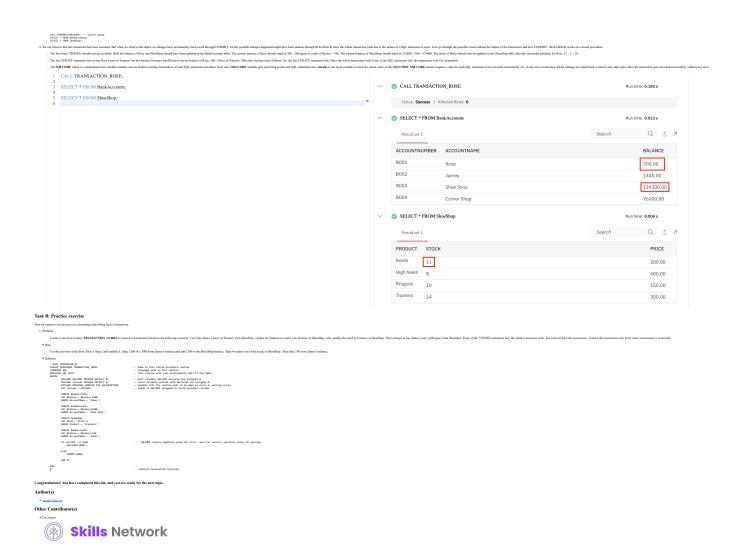
UPDATE BunkAccounts SET Balance = Balance+200 MMRE AccountBame = 'Shoe Shop'; UPDETS ShowShop SET Stock = Stock-1 WHERE Product = 'Boots';

UPORTS BankAccounts STT Balance - Balance-360 SHEEF Accounthame - 'Rose'; If retcode < 0 THEN BOLLBACK WORK;

--#SET TERMINATOR @
CREATE PROCEDURE TRANSACTION_ROSE DECLARE SQLCODE INTEGER DEFAULT 0; DECLARE retcode INTEGER DEFAULT 0; DECLARE CONTINUE HANDLER FOR SQLEXCEPTION SET retcode = SQLCODE; IF retcode < 0 THEN ROLLBACK WORK; ELSE COMMIT WORK; END IF;

✓ CREATE PROCEDURE TRANSACTION_ROSE LANGUAGE SQL MODIFIES SQL DATA BEGIN DEC... Run time: 0.076 s Status: Success | Affected Rows: 0

1 of 2 12/16/2024, 7:56 PM



2 of 2 12/16/2024, 7:56 PM