

Lab 14

Q1:

Run the transaction in Q1, select all data in BankAccount, and explain the results.

Results		Messages	
	AccountNum	CustomerNum	AccountBalance
1	117	997	1000.0000
2	118	998	2000.0000
3	119	999	500.0000

The result contains all 3 inserted data from the transaction “AddAccounts” with select all data from BankAccount table.

Run the transaction in Q1 again, select all data, and explain the results.

Messages	
10:45:27 AM	Started executing query at Line 18 (0 rows affected) Failed to insert data Total execution time: 00:00:00.006

Results		Messages	
	AccountNum	CustomerNum	AccountBalance
1	117	997	1000.0000
2	118	998	2000.0000
3	119	999	500.0000

The result has the same as first time selected. But when we run the transaction again, it is failed to insert data because it contained already. So, its rollback for the second transaction.

Q2:

Run the transaction Q 2 twice, see the results, and explain what happens.

Results		Messages	
	AccountNum	CustomerNum	AccountBalance
1	117	997	450.0000
2	118	998	2550.0000
3	119	999	500.0000

1st round is transferred successfully, and the result is represent as above picture.

Messages	
11:29:21 AM	Started executing query at Line 41 INSUFFICIENT BALANCED Total execution time: 00:00:00.013

Results		Messages	
	AccountNum	CustomerNum	AccountBalance
1	117	997	450.0000
2	118	998	2550.0000
3	119	999	500.0000

2nd round is insufficient balanced to transfer, so it will be the same amount and represented as the picture above.