## Lab 14

## Q1:

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

Re	sults Mess	sages	
	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.

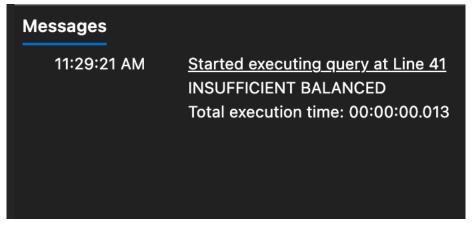
Mess	ages			
10	0:45:27 AM	Started executing (0 rows affected) Failed to insert da Total execution tin	ta	
Re	sults Mes	sults Messages		
	AccountNum	CustomerNum	AccountBalance	
1	117	997	1000.0000	
2	118	998	2000.0000	
3	119	999	500.0000	

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 happends.

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

1<sup>st</sup> round is transferred successfully, and the result is represent as above picture.



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

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