

## Intro to TSQL

1. Create a stored **procedure** called 'MULTIPLY' that takes 2 numbers as parameters and outputs to screen the answer in the following format:

e.g. The product of 2 and 3 is 6;

2. Create a stored **function** called 'ADD' that takes 2 numbers as parameters and returns the sum of the numbers ( as a suitable numeric datatype )

Write an anonymous block that calls the stored function, and outputs the result in the following format

e.g. The sum of 1 and 5 is 6

3. Create tables based on the below relational schema:

**Account**(AcctNo, Fname, Lname, CreditLimit, Balance)

**Log**(OrigAcct, LogDateTime, RecAcct, Amount)

Foreign Key (OrigAcct) References Account (AcctNo)

Foreign Key (RecAcct) References Account (AcctNo)

Write a stored procedure that takes 3 parameters, a from acct number, a to acct number and an amount.

The procedure should:

- a. Update the from account so its balance is reduced by the amount
- b. Update the to account so its balance is increased by the amount
- c. Log the transfer by inserting the from account, to account, current datetime and amount into the log table.