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\* File : 1

\* Author Name : Rajasekhar reddy

\* Description : Program to perform Withdraw functionality for ATM System.

Accept the customer details like account number, customer

Name, current balance, withdrawl amount

\* Version : 1.0

\* Date : 13-06-2017

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BEGIN

// Declaring variables

DECLARE acc\_num INTEGER

DECLARE cust\_name STRING

DECLARE curr\_amt INTEGER

DECLARE withdrawn\_amt INTEGER

// Accepting inputs from User

PROMT " Enter the Account Number "

ACCEPT acc\_num

PROMT " Enter the Customer Name "

ACCEPT cust\_name

PROMT " Enter the Current Balance "

ACCEPT curr\_amt

PROMT " Enter the Withdraw Amount "

ACCEPT withdrawn\_amt

// Performing Withdraw Logic

IF(isvalid(acc\_num)) THEN // Validating account number

CALCULATE curr\_amt=withdraw(curr\_amt,withdrawn\_amt) // Calculating Balance

PRINT "Withdrawn successfully completed" // Giving message for Succesful

PRINT "The Remaining Balance is "+curr\_amt

ELSE

PRINT " Account number should be Number only"

END IF

// Exceptions Block

EXCEPTION

WHEN No\_Bal THEN

PRINT error message //Error message returned from exception

END

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\* Module Name : isValid()

\* Input Parameters : data

\* Return Type : BOOLEAN

\* Author : Rajasekhar reddy

\* Creation Date : 13-06-2017

\* Description : To validate data for accepting only digits

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SUB isValid(data)

IF(isDigits(data)) THEN

RETURN true

ELSE

RETURN false

END IF

END SUB

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\* Module Name : withdraw()

\* Input Parameters : curr\_amt,wihdrawn\_amt

\* Return Type : INTEGER

\* Author : Rajasekhar reddy

\* Creation Date : 13-06-2017

\* Description : To withdraw the amount

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SUB withdraw(curr\_amt,withdrawn\_amt)

IF(curr\_amt > withdrawn\_amt) THEN // Checking for Balance

curr\_amt=(curr\_amt - withdrawn\_amt)

ELSE

RAISE No\_Bal(" Insufficient Amount in your account") // Raising Exception

END IF

END SUB