ALGORITHM for complex ATM operations

Start

Declare Balance ,accno (int), name, pin(sting)

Input the declared variables(name, accno, pin, balance)

Declare account number, withdrawal money, pin and name(For the operation to withdraw)

If the account number entered in both the situations (while creating account and for withdrawal) are same:

Input pin (for withdrawal operation)

If the pin entered is = to the pin given while creating account:

Input opt (to choose operations (1.Withdraw 2.Deposit 3.Change pin 4.check balance))

If opt==1:

Input withdrawal money

If balance>500 and withdrawal money>=balance:

Compute and output the current balance(balance-withdrawalmoney)

Else:

Output no enough balance

Else:

If opt==2:

Input amount to be deposited

Compute and display the current balance (current balance+

deposited money)

Else:

If opt==3:

Input current pin and check its correctness with the pin entered previously

If pin is correct:

Ask for a new pin and update the old pin else:

Output pin entered is wrong

Else:

If opt==4:

Display current balance

Else:

Output invalid operation number

Else:

Output wrong pin number entered

Else:

Output error message