**ALGORITHM FOR SIMPLE ATM PROCESS**

Function Main

Declare Integer atm, accno, pin1, balance, pin2, cash

... Declaring variables

Declare String limit, bill

Output "WELCOME TO SBI ATM..!"

Output "Quick cash withdrawal"

Output "Please enter your 11 digit account number:"

Input accno

Output "Please enter your pin:"

Input pin1

Output "Please enter account balance:"

Input balance

... checking balance

If balance<500

Output "Sorry you don't have enough balance in your account"

Else

Output "Please enter the amount required:"

Input cash

If cash<=balance

Else

Output "Sorry you have insufficient balance, Please try again later"

End

... Checking limit

If cash>50000

Output "Your maximum limit of amount has been reacheed.!"

Output "For now only 50,000 INR can be withdrawn, Would you like to withdraw(y/n)?"

Input limit

If limit=="y"

Else

Output "Thank you for using the ATM.!"

End

End

Output "Please re-enter your pin:"

Input pin2

If pin1==pin2

Output "Your request is beng processed"

Output "Do you need the bill?(y/n)"

Input bill

If bill=="y"

Output "Your bill being processed"

End

Output "Thanks for using the ATM ... Have a nice day !"

Else

Output "Invalid pin"

End

End

End