**ATM Transaction PROGRAM USING C**

**Problem Description**

This C Program performs ATM transaction. The types of ATM transaction are  
1) Balance checking  
2) Cash withdrawal  
3) Cash deposition.

**Problem Solution**

1. Firstly initialize the ATM pin and amount as user required.

2. Take the ATM pin as input.  
3. If the input pin is equal to the initialized pin and is valid pin, then do the further operations.  
4. Use switch statement to do the operations like Balance checking, Cash withdrawal, Cash deposition etc.  
5. Use while loop to terminate or restart the process.

**Program Explanation**

1. Initialize the variables pin, amount and transaction with 1520, 1000 and ‘y’ respectively.
2. Request the user's pin. If the input pin equals 1520, permit the further actions.
3. To do actions like checking your balance, withdrawing cash, depositing cash, and quitting, use the switch statement.
4. For Check Balance simply print the variable amount as output and exit.
5. Ask for the amount to be withdrawn and save it in the variable withdraw before selecting Withdraw Cash.
6. Request the user to enter the amount in multiples of 100 if withdraw% 100! = 0.
7. Print "INSUFFICENT BALANCE" in the output if the withdrawal amount exceeds (amount-500).
8. Otherwise subtract the variable withdraw from variable amount, print the amount and exit.
9. For deposit operation, ask the user for amount and store it in the variable deposit. Add the variable deposit to variable amount, print the amount and exit.
10. If quit, then finally ask the user if they wish to continue or not. Ask them to type y/n and store it in the variable transaction.
11. If variable transaction is y/Y, then continue the operation. Otherwise terminate the while loop by assigning 1 to variable k.