ATM Requirements & Pseudocode

1. As a user, I can input my card and pin
2. ATM sends the details to the account
3. The account verifies the details are correct and sends a response to the ATM
4. As a user, I can check my balance
5. As a user, I can request money
6. As a user, I can deposit money
7. ATM will be able to print a receipt
8. Account will be able to alter the balance

Public class User {

Private int pin

Private string cardnumber

Public int inputPin() {

Return pin }

Public string inputCard() {

Return cardnumber }

}

Public class ATM {

Private int fivepound

Private int tenpound

Private int twentypound

Public int requestMoney(int sum) {

Int sumATM = 5 \* fivepounds + 10 \* tenpounds + 20 \* twentypounds

If( sum < sumATM ) {

Check how many twenty, ten and five notes are needed to total the sum,

modify the number of notes in the atm, change balance

return money

}

Else { error not enough money }

}

