Simple ATM Algorithm

1. Start
2. Declare variables such as name, account no., bank balance, Pin and withdrawing amount.
3. Assign values to variables like name, account no., bank balance, Pin
4. Input account No.
5. Check if it is correct account number
   1. If correct go to 7
   2. If incorrect go to 6
6. Output Account number is not valid
   1. END
7. Input PIN
8. Check if Pin is correct
   1. If correct go to 10
   2. If incorrect to 9
9. Output the Pin was incorrect
   1. END
10. Input Amount to be withdrawn
11. Check is amount is between the bank balance and minimum amount to be withdrawn
    1. If Amount is within range go to 13
    2. If it is not within range go to 12
12. Output the amount was not within the range
    1. END
13. Withdraw cash
14. Check if Bank balance>500
    1. If True Go to 16
    2. If False go to 15
15. Output Maintain balance of 500
16. END