```java
package ATM;

import java.util.Scanner;

public class ATM{
    // Static variables
    private static String accountNumber;
    private static int pin;
    private static double balance;
    private static int startingInCount = 0;

    // Method to initialize ATM data (called once)
    public static void setATMDetails(String accNo, int atmPin, double bal) {
        accountNumber = accNo;
        pin = atmPin;
        balance = bal;
    }

    // Method to verify pin
    public static boolean verifyPin(int enteredPin) {
        return enteredPin == pin;
    }

    // Check balance
    public static void balanceATM() {
        System.out.println("Your current balance is: ₹" + balance);
    }

    // Deposit amount
    public static void deposit(double amount) {
        if (amount > 0) {
            balance += amount;
            System.out.println("₹" + amount + " deposited successfully.");
        } else {
            System.out.println("Invalid deposit amount.");
        }
    }

    // Withdraw amount
    public static void withdrawal(double amount) {
        if (amount > 0 && amount <= balance) {
            balance -= amount;
            System.out.println("₹" + amount + " withdrawn successfully.");
        } else {
            System.out.println("Insufficient balance or invalid amount.");
        }
    }

    // Main method
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);

        // Step 1: Accept details to set static variables
        System.out.print("Enter Account Number: ");
        String accNo = sc.nextLine();

        System.out.print("Set your ATM PIN: ");
        int atmPin = sc.nextInt();
```

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59
60          System.out.print("Enter Opening Balance: ");
61          double bal = sc.nextDouble();
62
63          // Set static variables using input
64          setATMDetails(accNo, atmPin, bal);
65
66          // Step 2: PIN verification
67          boolean loggedIn = false;
68
69          while (startingInCount < 3) {
70              System.out.print("Enter your PIN to login: ");
71              int enteredPin = sc.nextInt();
72
73              if (verifyPin(enteredPin)) {
74                  loggedIn = true;
75                  break;
76              } else {
77                  startingInCount++;
78                  System.out.println("Incorrect PIN. Attempts left: " + (3 - startingInCount));
79              }
80          }
81
82          if (!loggedIn) {
83              System.out.println("Too many failed attempts. Exiting...");
84              sc.close();
85              return;
86          }
87
88          // Step 3: Menu
89          int choice;
90          do {
91              System.out.println("\n===== Simple ATM Menu =====");
92              System.out.println("1. Check Balance");
93              System.out.println("2. Deposit");
94              System.out.println("3. Withdraw");
95              System.out.println("4. Exit");
96              System.out.print("Enter your choice: ");
97              choice = sc.nextInt();
98
99              switch (choice) {
100                 case 1:
101                     balanceATM();
102                     break;
103                 case 2:
104                     System.out.print("Enter amount to deposit: ");
105                     double dep = sc.nextDouble();
106                     deposit(dep);
107                     break;
108                 case 3:
109                     System.out.print("Enter amount to withdraw: ");
110                     double wd = sc.nextDouble();
111                     withdrawal(wd);
112                     break;
113                 case 4:
114                     System.out.println("Thank you for using Simple ATM!");
115                     break;
116                 default:
```

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117                     System.out.println("Invalid choice. Try again.");
118                 }
119             } while (choice != 4);
120 
121             sc.close();
122         }
123 }
124 
125 
126 
```