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import java.util.*;
import java.lang.*;

class Check {
    void main(int bal_amt, Scanner s) {
        while (true) {
            System.out.println("\nEnter your choice:");
            System.out.println("1. Withdrawal\n2. Payment\n3. Deposit\n4. Exit");
            int ch = s.nextInt();

            switch (ch) {
                case 1:
                    Withdrawal w = new Withdrawal();
                    bal_amt = w.withdraw(bal_amt, s);
                    System.out.println("Updated Balance: " + bal_amt);
                    break;
                case 2:
                    Payment p = new Payment();
                    bal_amt = p.payment(bal_amt, s);
                    System.out.println("Updated Balance: " + bal_amt);
                    break;
                case 3:
                    Deposit d = new Deposit();
                    bal_amt = d.dep(bal_amt, s);
                    System.out.println("Updated Balance: " + bal_amt);
                    break;
                case 4:
                    System.out.println("Transaction completed. Exiting...");
                    return;
                default:
                    System.out.println("Invalid choice!");
            }
        }
    }

    class Withdrawal {
        int withdraw(int bal_amt, Scanner s) {
            System.out.print("Enter amount to withdraw (multiple of 100): ");
            int amt = s.nextInt();
            if (amt > 0 && amt % 100 == 0) {
                if (amt > bal_amt) {
                    System.out.println("Insufficient funds");
                } else {
                    bal_amt -= amt;
                    System.out.println("Withdrawn: " + amt);
                }
            } else {
                System.out.println("Withdrawal not possible. Amount must be a multiple of
100.");
            }
            return bal_amt;
        }
    }
}

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}

class Payment {
    int payment(int bal_amt, Scanner s) {
        System.out.print("Enter payment amount: ");
        float pay = s.nextFloat();
        if (pay > 0 && pay <= bal_amt) {
            bal_amt -= pay;
            System.out.println("Payment done: " + pay);
        } else {
            System.out.println("Insufficient funds for payment.");
        }
        return bal_amt;
    }
}

class Deposit {
    int dep(int bal_amt, Scanner s) {
        System.out.print("Enter deposit amount: ");
        int amt = s.nextInt();
        if (amt > 0) {
            bal_amt += amt;
            System.out.println("Deposited: " + amt);
        } else {
            System.out.println("Deposit not possible.");
        }
        return bal_amt;
    }
}

class main {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int pin_no = 1234;
        int bal_amt = 10000;
        System.out.println("Enter your PIN:");
        int i;
        for (i = 1; i <= 3; i++) {
            int pin = sc.nextInt();
            if (pin == pin_no) {
                break;
            } else if (i < 3) {
                System.out.println("Incorrect PIN. Try again.");
            }
        }

        if (i <= 3) {
            Check ch = new Check();
            ch.main(bal_amt, sc);
        } else {
            System.out.println("PIN blocked! Try again after 24 hours.");
        }
    }
}

```

