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import java.util.Scanner;

public class ATMInterface {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        double balance = 1000.00; // Initial balance
        int choice;

        System.out.println("Welcome to the ATM!");

        while (true) {
            // Display menu
            System.out.println("\nATM Menu:");
            System.out.println("1. Check Balance");
            System.out.println("2. Deposit Money");
            System.out.println("3. Withdraw Money");
            System.out.println("4. Exit");
            System.out.print("Enter your choice: ");
            choice = scanner.nextInt();

            switch (choice) {
                case 1: // Check balance
                    System.out.printf("Your current balance is: $%.2f\n", balance);
                    break;

                case 2: // Deposit money
                    System.out.print("Enter the amount to deposit: ");
                    double deposit = scanner.nextDouble();
                    if (deposit <= 0) {
                        System.out.println("Invalid amount. Please enter a positive value.");
                    } else {
                        balance += deposit;
                        System.out.printf("You have successfully deposited $%.2f\n", deposit);
                    }
                    break;

                case 3: // Withdraw money
                    System.out.print("Enter the amount to withdraw: ");
                    double withdrawal = scanner.nextDouble();
                    if (withdrawal > balance) {
                        System.out.println("Insufficient balance! Please try a smaller amount.");
                    } else if (withdrawal <= 0) {
                        System.out.println("Invalid amount. Please enter a positive value.");
                    } else {
                        balance -= withdrawal;
                        System.out.printf("You have successfully withdrawn $%.2f\n", withdrawal);
                    }
                    break;

                case 4: // Exit
                    System.out.println("Thank you for using the ATM. Goodbye!");
                    scanner.close();
                    System.exit(0);

                default: // Invalid choice

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System.out.println("Invalid choice. Please try again.");
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