```
import java.util.Scanner;

class User {
    private String userID;
    private String userPIN;
    private double accountBalance;

    public User(String userID, String userPIN, double accountBalance) {
        this.userID = userID;
        this.userPIN = userPIN;
        this.accountBalance = accountBalance;
    }

    public String getUserID() {
        return userID;
    }

    public String getUserPIN() {
        return userPIN;
    }

    public double getAccountBalance() {
        return accountBalance;
    }
}

class ATM {
    public double checkBalance(User user) {
        return user.getAccountBalance();
    }
```

```
    public void withdraw(User user, double amount) {
        if (amount > 0 && amount <= user.getAccountBalance()) {
            user.accountBalance -= amount;
            System.out.println("Withdrawal successful. Remaining balance: " + user.getAccountBalance());
        } else {
            System.out.println("Insufficient funds.");
        }
    }

    public void deposit(User user, double amount) {
        if (amount > 0) {
            user.accountBalance += amount;
            System.out.println("Deposit successful. New balance: " + user.getAccountBalance());
        } else {
            System.out.println("Invalid amount.");
        }
    }
}

public class Main {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        User user1 = new User("userID1", "PIN1", 1000.0);
        ATM atm = new ATM();

        System.out.println("Welcome to VeriTech ATM");
        System.out.print("Enter user ID: ");
        String userIDInput = scanner.nextLine();
        System.out.print("Enter PIN: ");
        String pinInput = scanner.nextLine();
```

```
        if (userIDInput.equals(user1.getUserID()) && pinInput.equals(user1.getUserPIN())) {
            System.out.println("Authentication successful!");
            System.out.println("Choose an option:");
            System.out.println("1. Check Balance");
            System.out.println("2. Withdraw");
            System.out.println("3. Deposit");
            int choice = scanner.nextInt();
            switch (choice) {
                case 1:
                    System.out.println("Current Balance: " + atm.checkBalance(user1));
                    break;
                case 2:
                    System.out.print("Enter amount to withdraw: ");
                    double withdrawAmount = scanner.nextDouble();
                    atm.withdraw(user1, withdrawAmount);
                    break;
                case 3:
                    System.out.print("Enter amount to deposit: ");
                    double depositAmount = scanner.nextDouble();
                    atm.deposit(user1, depositAmount);
                    break;
                default:
                    System.out.println("Invalid choice.");
            }
        } else {
            System.out.println("Authentication failed. Please try again.");
        }
    }
}
```