import java.util.Scanner;

class ReservationSystem {

private static Scanner scanner = new Scanner(System.in);

public static void main(String[] args) {

boolean loggedIn = false;

while (!loggedIn) {

System.out.println("===== Login Form =====");

System.out.print("Enter your username: ");

String username = scanner.nextLine();

System.out.print("Enter your password: ");

String password = scanner.nextLine();

if (authenticateUser(username, password)) {

loggedIn = true;

} else {

System.out.println("Invalid username or password. Please try again.");

System.out.println();

}

}

System.out.println("===== Online Reservation System =====");

System.out.println("1. Reservation Form");

System.out.println("2. Cancellation Form");

System.out.print("Enter your choice: ");

int choice = scanner.nextInt();

scanner.nextLine(); // Consume the newline character

switch (choice) {

case 1:

showReservationForm();

break;

case 2:

showCancellationForm();

break;

default:

System.out.println("Invalid choice.");

}

}

private static boolean authenticateUser(String username, String password) {

// Hardcoded values for demonstration purposesadmin

String hardcodedUsername = "admin";

String hardcodedPassword = "password";

return username.equals(hardcodedUsername) && password.equals(hardcodedPassword);

}

private static void showReservationForm() {

System.out.println("===== Reservation Form =====");

System.out.print("Enter your name: ");

String name = scanner.nextLine();

System.out.print("Enter train number: ");

String trainNumber = scanner.nextLine();

System.out.print("Enter class type: ");

String classType = scanner.nextLine();

System.out.print("Enter date of journey: ");

String dateOfJourney = scanner.nextLine();

System.out.print("Enter from (place): ");

String fromPlace = scanner.nextLine();

System.out.print("Enter destination: ");

String destination = scanner.nextLine();

// Perform insert logic here

// Save the reservation details to the database or perform any required operations

System.out.println("Reservation inserted successfully!");

}

private static void showCancellationForm() {

System.out.println("===== Cancellation Form =====");

System.out.print("Enter your PNR number: ");

String pnrNumber = scanner.nextLine();

// Retrieve the reservation details using the PNR number from the database

// Display the details to the user

System.out.print("Press OK to confirm cancellation (Y/N): ");

String confirmation = scanner.nextLine();

if (confirmation.equalsIgnoreCase("Y")) {

// Perform cancellation logic here

// Delete the reservation from the database or perform any required operations

System.out.println("Cancellation confirmed!");

} else {

System.out.println("Cancellation not confirmed.");

}

}

}