package Final;

import java.util.Scanner;  
  
public class Payment extends Booking {  
    public static void processPayment() {  
      Scanner scanner = new Scanner(System.in);  
        System.out.println("Enter Phone Number: ");  
        String ph = scanner.nextLine();  
        int f = 0;  
  
        for (int n = 0; n < i; n++) {  
            if (ph.equals(phno.get(n))) {  
                // checks if payment is not already done  
                if (p.get(n) == 0) {  
                    f = 1;  
                    System.out.println(" Payment");  
                    System.out.println(" --------------------------------");  
                    // Calculate total room price based on number of days of stay  
                    int totalRoomPrice = price.get(n) \* day.get(n);  
                    System.out.println("\n  Room Charges: " + totalRoomPrice);  
                    System.out.println("  Restaurant Charges: " + rc.get(n));  
                    int totalAmount = totalRoomPrice + rc.get(n);  
                    System.out.println("  Total Amount: " + totalAmount);  
                    System.out.println("\n  Make Payment (Y/N)");  
                    String ch = scanner.next();  
  
                    if (ch.equalsIgnoreCase("Y")) {  
                        // Perform payment processing logic here  
                        // ...  
                        // Set payment status to 1 to indicate payment is done  
                        p.set(n, 1);  
                        // pops room no. && customer id from list and later assigns zero at the same position  
                        roomno.set(n, 0);  
                        custid.set(n, 0);  
                        System.out.println("\n\n --------------------------------");  
                        System.out.println("          BOMMARILLU HOTEL");  
                        System.out.println(" --------------------------------");  
                        System.out.println("              Bill");  
                        System.out.println(" --------------------------------");  
                        System.out.println(" Name: " + name.get(n) + "\t\n Phone No.: " + phno.get(n) + "\t\n Address: " + add.get(n) + "\t");  
                        System.out.println("\n Check-In: " + checkin.get(n) + "\t\n Check-Out: " + checkout.get(n) + "\t");  
                        System.out.println("\n Room Type: " + room.get(n) + "\t\n Room Charges: " + totalRoomPrice + "\t");  
                        System.out.println(" Restaurant Charges: " + rc.get(n));  
                        System.out.println(" --------------------------------");  
                        System.out.println("\n Total Amount: " + totalAmount + "\t");  
                        System.out.println(" --------------------------------");  
                        System.out.println("          Thank You");  
                        System.out.println("          Visit Again :)");  
                        System.out.println(" --------------------------------\n");  
                        Main.Home();  
                    }else {  
                      System.out.println("Payment failed");  
                      processPayment();  
                    }  
                } else {  
                    System.out.println("\n\tPayment has already been Made :)\n\n");  
                    Main.Home();  
                    break;  
                }  
            }  
        }  
  
        if (f == 0) {  
            System.out.println("Invalid Customer\n\n\n");  
            Main.Home();  
        }  
  
          System.out.print("Enter any key to return home page.");  
          String n = scanner.next();  
          Main.Home();  
    }  
}