```java
/**********************************************************************
******

Welcome to GDB Online.
GDB online is an online compiler and debugger tool for C, C++, Python,
Java, PHP, Ruby, Perl,
C#, OCaml, VB, Swift, Pascal, Fortran, Haskell, Objective-C, Assembly,
HTML, CSS, JS, SQLite, Prolog.
Code, Compile, Run and Debug online from anywhere in world.

**********************************************************************
******/
import java.util.Scanner;

class PaymentGateway {
    public boolean processPayment(double amount) {
        // Simulate payment processing logic
        if (Math.random() < 0.8) {
            System.out.println("Payment successful!");
            return true;
        } else {
            System.out.println("Payment failed.");
            return false;
        }
    }
}

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

        System.out.print("Enter payment amount: ");
        double amount = scanner.nextDouble();

        if (amount <= 0) {
            System.out.println("Invalid amount.");
        } else {
            boolean paymentSuccess =
paymentGateway.processPayment(amount);
            if (paymentSuccess) {
                System.out.println("Thank you for your payment!");
            } else {
                System.out.println("Payment was not successful. Please
try again.");
            }
        }

        scanner.close();
    }
}
```