public class TestAdapterPattern {

public static void main(String[] args) {

// Using PayPal through the adapter

PayPalGateway payPal = new PayPalGateway();

PaymentProcessor payPalProcessor = new PayPalAdapter(payPal);

payPalProcessor.processPayment(150.00);

// Using Stripe through the adapter

StripeGateway stripe = new StripeGateway();

PaymentProcessor stripeProcessor = new StripeAdapter(stripe);

stripeProcessor.processPayment(200.00);

// Using Square through the adapter

SquareGateway square = new SquareGateway();

PaymentProcessor squareProcessor = new SquareAdapter(square);

squareProcessor.processPayment(250.00);

}

}