SUPERSET-6413402

EXCERCISE- ADAPTER PATTERN

Code:

// Target Interface

interface PaymentProcessor {

void processPayment(double amount);

}

// Adaptee

class RazorpayGateway {

public void payViaRazor(double amount) {

System.out.println("Payment of ₹" + amount + " done via Razorpay.");

}

}

// Adapter

class RazorpayAdapter implements PaymentProcessor {

private RazorpayGateway gateway;

public RazorpayAdapter() {

this.gateway = new RazorpayGateway();

}

public void processPayment(double amount) {

gateway.payViaRazor(amount);

}

}

// Main Class

public class TestAdapter {

public static void main(String[] args) {

PaymentProcessor processor = new RazorpayAdapter();

processor.processPayment(1500.00);

}

}

output:

Payment of ₹1500.0 done via Razorpay.

