**package** AdapterPattern;

**public** **interface** PaymentProcessor {

**void** processPayment(**double** amount);

}

**package** AdapterPattern;

**public** **class** PayPalGateway {

**public** **void** sendPayment(**double** amount) {

System.***out***.println("PayPal: Payment of ₹" + amount + " processed.");

}

}

**package** AdapterPattern;

**public** **class** StripeGateway {

**public** **void** makeStripePayment(**double** amount) {

System.***out***.println("Stripe: Payment of ₹" + amount + " processed.");

}

}

**package** AdapterPattern;

**public** **class** PayPalAdapter **implements** PaymentProcessor {

**private** PayPalGateway paypal;

**public** PayPalAdapter(PayPalGateway paypal) {

**this**.paypal = paypal;

}

**public** **void** processPayment(**double** amount) {

paypal.sendPayment(amount);

}

}

**package** AdapterPattern;

**public** **class** StripeAdapter **implements** PaymentProcessor {

**private** StripeGateway stripe;

**public** StripeAdapter(StripeGateway stripe) {

**this**.stripe = stripe;

}

**public** **void** processPayment(**double** amount) {

stripe.makeStripePayment(amount);

}

}

**package** AdapterPattern;

**public** **class** Main {

**public** **static** **void** main(String[] args) {

PayPalGateway paypalGateway = **new** PayPalGateway();

PaymentProcessor paypalProcessor = **new** PayPalAdapter(paypalGateway);

paypalProcessor.processPayment(1000);

StripeGateway stripeGateway = **new** StripeGateway();

PaymentProcessor stripeProcessor = **new** StripeAdapter(stripeGateway);

stripeProcessor.processPayment(2500);

}

}  
  
**OUTPUT:**

