**package** adapterPatternExample;

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

**void** processPayment(String amount);

}

**package** adapterPatternExample;

**public** **class** PayPal {

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

System.***out***.println("Paid " + amount + " using PayPal.");

}

}

**package** adapterPatternExample;

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

**private** PayPal paypal;

**public** PayPalAdapter(PayPal paypal) {

**this**.paypal = paypal;

}

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

paypal.sendPayment(amount);

}

}

**package** adapterPatternExample;

**public** **class** Stripe {

**public** **void** makePayment(String amount) {

System.***out***.println("Paid " + amount + " using Stripe.");

}

}

**package** adapterPatternExample;

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

**private** Stripe stripe;

**public** StripeAdapter(Stripe stripe) {

**this**.stripe = stripe;

}

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

stripe.makePayment(amount);

}

}

**package** adapterPatternExample;

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

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

PayPal paypal = **new** PayPal();

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

paypalProcessor.processPayment("$100");

Stripe stripe = **new** Stripe();

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

stripeProcessor.processPayment("$200");

}}

