interface PaymentStrategy {

void pay(double amount);

}

class CreditCardPayment implements PaymentStrategy {

@Override

public void pay(double amount) {

System.out.println("Paid " + amount + " using Credit Card.");

}

}

class PayPalPayment implements PaymentStrategy {

@Override

public void pay(double amount) {

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

}

}

class PaymentContext {

private PaymentStrategy strategy;

public PaymentContext(PaymentStrategy strategy) {

this.strategy = strategy;

}

public void executePayment(double amount) {

strategy.pay(amount);

}

}

public class Main {

public static void main(String[] args) {

PaymentContext context = new PaymentContext(new CreditCardPayment());

context.executePayment(500.00);

context = new PaymentContext(new PayPalPayment());

context.executePayment(300.00);

}

}

OUTPUT:

