PaymentStrategy.java\*\*

public interface PaymentStrategy {

void pay(int amount);

}

```

\*\*CreditCardPayment.java\*\*

public class CreditCardPayment implements PaymentStrategy {

private String cardNumber;

public CreditCardPayment(String cardNumber) {

this.cardNumber = cardNumber;

}

@Override

public void pay(int amount) {

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

}

}

```

\*\*PayPalPayment.java\*\*

public class PayPalPayment implements PaymentStrategy {

private String email;

public PayPalPayment(String email) {

this.email = email;

}

@Override

public void pay(int amount) {

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

}

}

```

\*\*ShoppingCart.java\*\*

public class ShoppingCart {

private PaymentStrategy paymentStrategy;

public void setPaymentStrategy(PaymentStrategy paymentStrategy) {

this.paymentStrategy = paymentStrategy;

}

public void checkout(int amount) {

paymentStrategy.pay(amount);

}

}

```

\*\*Main.java\*\*

public class Main {

public static void main(String[] args) {

ShoppingCart cart = new ShoppingCart();

cart.setPaymentStrategy(new CreditCardPayment("1234-5678-9876-5432"));

cart.checkout(100);

cart.setPaymentStrategy(new PayPalPayment("user@example.com"));

cart.checkout(200);

}

}