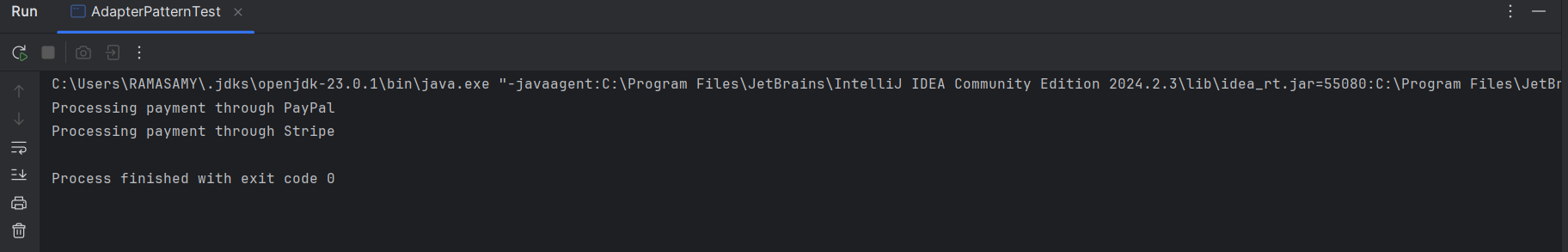
**Exercise 4: Implementing the Adapter Pattern**

**CODE:**

**AdapterPatternTest.java**

interface PaymentProcessor {  
 void processPayment();  
}  
  
class PayPalGateway {  
 public void makePayment() {  
 System.*out*.println("Processing payment through PayPal");  
 }  
}  
  
class StripeGateway {  
 public void sendPayment() {  
 System.*out*.println("Processing payment through Stripe");  
 }  
}  
  
class PayPalAdapter implements PaymentProcessor {  
 PayPalGateway gateway = new PayPalGateway();  
 public void processPayment() {  
 gateway.makePayment();  
 }  
}  
  
class StripeAdapter implements PaymentProcessor {  
 StripeGateway gateway = new StripeGateway();  
 public void processPayment() {  
 gateway.sendPayment();  
 }  
}  
  
class AdapterPatternTest {  
 public static void main(String[] args) {  
 PaymentProcessor paypal = new PayPalAdapter();  
 PaymentProcessor stripe = new StripeAdapter();  
  
 paypal.processPayment();  
 stripe.processPayment();  
 }  
}

**OUTPUT:**

****