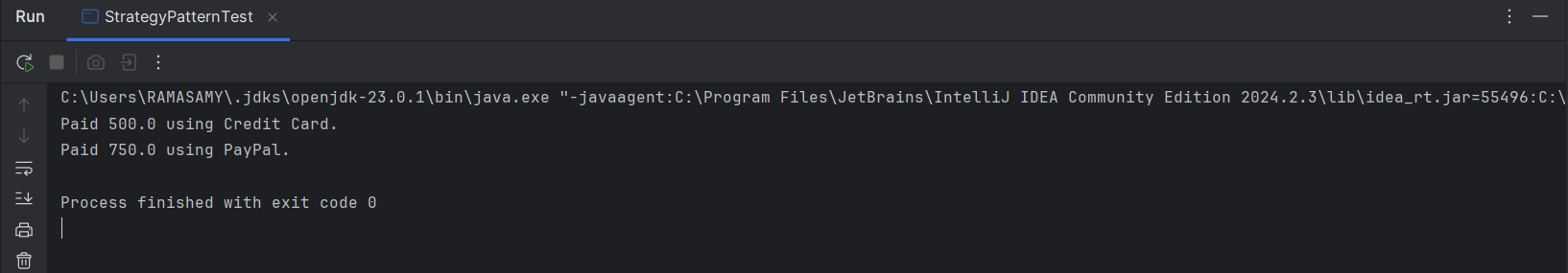
**Exercise 8: Implementing the Strategy Pattern**

**CODE:**

**StrategyPatternTest.java**

interface PaymentStrategy {  
 void pay(double amount);  
}  
  
class CreditCardPayment implements PaymentStrategy {  
 public void pay(double amount) {  
 System.*out*.println("Paid " + amount + " using Credit Card.");  
 }  
}  
  
class PayPalPayment implements PaymentStrategy {  
 public void pay(double amount) {  
 System.*out*.println("Paid " + amount + " using PayPal.");  
 }  
}  
  
class PaymentContext {  
 private PaymentStrategy strategy;  
 public void setStrategy(PaymentStrategy strategy) {  
 this.strategy = strategy;  
 }  
 public void executePayment(double amount) {  
 strategy.pay(amount);  
 }  
}  
  
class StrategyPatternTest {  
 public static void main(String[] args) {  
 PaymentContext context = new PaymentContext();  
 context.setStrategy(new CreditCardPayment());  
 context.executePayment(500);  
  
 context.setStrategy(new PayPalPayment());  
 context.executePayment(750);  
 }  
}

**OUTPUT:**

****