**IMPLEMENTING THE STRATEGY PATTERN:**

1. **Creating a New Java Project**
   * A new Java project named StrategyPatternExample was set up.
2. **Defining the Strategy Interface**
   * An interface called PaymentStrategy was defined with a method pay() to standardize the payment processing approach.
3. **Implementing Concrete Strategies**
   * Classes such as CreditCardPayment and PayPalPayment were created, implementing the PaymentStrategy interface to provide specific payment processing methods.
4. **Implementing the Context Class**
   * A class named PaymentContext was developed, holding a reference to a PaymentStrategy and providing a method to execute the selected strategy.
5. **Testing the Strategy Implementation**
   * A test class was created to demonstrate how different payment strategies can be selected and used at runtime, showcasing the flexibility and adaptability of the Strategy pattern.
6. Output

