```java
public class PaymentProcessor {
  public void processPayment(String user, double amount) {
    try {
      double newBalance = getBalance(user) - amount;
      if (newBalance < 0) {
        throw new RuntimeException("Insufficient funds");
      }
      updateBalance(user, newBalance);
      logTransaction(user, amount);
    } catch (Exception e) {
      handleError(e);
    }
  }

  public void logTransaction(String user, double amount) {
    System.out.println("Logged: $" + amount + " for " + user);
  }

  private double getBalance(String user) {
    // Simulated account balance
    return 100.0;
  }

  private void updateBalance(String user, double newBalance) {
    System.out.println("Updated balance for " + user + ": $" + newBalance);
  }

  private void handleError(Exception e) {
    System.err.println("Payment error: " + e.getMessage());
  }
}
```