SPOT Question

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Implement a class BankAccount with:

- A private double balance field.
- A constructor that initializes the balance.
- Methods:
 - o void deposit (double amount) adds the amount to balance but throws NegativeAmountException if amount is negative.
 - o void withdraw(double amount) subtracts the amount from balance but:
 - Throws NegativeAmountException if amount is negative.
 - Throws InsufficientFundsException if amount > balance.

•In the main method:

- Create a BankAccount instance with an initial balance.
- Simulate a series of deposits and withdrawals by calling the respective methods.
- Use nested try-catch blocks to:
 - o Handle InsufficientFundsException specifically.
 - o Handle NegativeAmountException.
 - o Handle any other unexpected exceptions.
- Ensure that after every transaction, the program prints the current balance.
- Ensure that resources like scanner or any I/O are properly closed in a finally block.