

Lab statement

This lab aims to build the complete working implementation of ATM system. To start with you have to build two packages:

1. lab8
2. pkgtransaction

Package lab8 consists of classes:

--> Account.java

 This class represents a bank account.

--> ATM.java

 This is an abstract class that represents an automated teller machine as a whole.

--> BankDatabase.java

 This class models the bank's database with which the ATM interacts to access and modify user account information.

--> CashDispenser.java

 This class represents the Cash dispenser present in an ATM.

Packet pkgtransaction consists of classes:

--> BalanceInquiry.java

 This extends class Transaction and represent a balance inquiry ATM transaction. This does not have any attributes of its own but it inherits some features of the Transaction class.

--> Deposit.java

 This class extends Transaction and represents a deposit ATM transaction.

--> Transaction.java

 This is an abstract superclass that represents the notion of an ATM transaction. It contains the common features of subclasses BalanceInquiry, Withdrawal and Deposit.

--> Withdrawal.java

 This extends Transaction and represents a withdrawal ATM transaction.

TIP: Begin coding the class in the below sequence:

 ATM
 CashDispenser
 Account
 BankDatabase
 Transaction
 BalanceInquiry
 Withdrawal
 Deposit

Remember: A good programmer is someone who always looks both ways before crossing a one way street.

All the best!
Happy coding!!!

ATM.txt
Displaying ATM.txt.