COMP 1409 Lab 5-b (4 points)

Take-home lab

Expand your SalesCommission class from lab 5-a. Add the symbolic constant
public static final int ADVANCE_CASH_LIMIT = 1500;

Add the following attributes:
boolean isInDebt
double cashAdvance

Modify the non-default constructor to accept an additional parameter to initialize the instance variable cashAdvance. The constructor passes the parameter to the appropriate mutator method. The mutator method will use the passed parameter only if it's positive and less than 1500. If the passed parameter was negative or greater than 1500, the instance variable will be set to 0.

Modify the method calculatePay() in a way that cashAdvance will be deducted from the pay and isInDebt will be set to true if cashAdvance is greater than 0.

Modify displayDetails() method to display the following message:
If the sales person is in debt:
Sales person John has a commission rate of B and received cash advance amount $500. His net earnings is $2000
If the sales person is not in debt
Sales person John has a commission rate of B. His net earnings is $2000.

Upload your completed lab to the dropbox before the cutoff time. A suggested solution will be given during the next class and labs that have not been uploaded will not receive any points.