CS 251
Lab 2
Jannatul Ferdous
Points: 10

Instructions:
1. Put your name and team member's name at the top of your code in comment.
2. Make sure your code is indented.

In this lab, we will be implementing a simple bank management system without any graphical interface. At first, you need to create a file called BankManagement.java. In this java file there will be a main method. Next you need to create another class called User. The user class will have the following:
1. Attributes: name (String type), ID (int type) and balance (double type)
    a. You need to declare the attributes name and ID as final.
2. Constructor: to set the value of the attributes
3. Method:
    a. CheckInformation: To show the information of the user, such as Name and ID
    b. CheckBalance: Will show the current balance in the account.
    c. Withdraw: will withdraw an amount only if the amount is available.
    d. Deposit: will deposit an amount.
    e. CheckLastTransaction: Will show the last transaction information such as withdrawn: amount or deposited: amount

In the main class you need to create an array of type User of size 100 and 5 User objects. When you run your code, make sure there is a command interface in the window. Following is an example of the command interface:

Suppose you have 5 user in your system: Monica (ID: 123), Chandler (ID: 134), Rachel (ID: 155), Ross (ID: 341), Phoebe (ID:834)

You command interface will look something like this:

>>Enter your name:
Joey
>>Sorry, there is no user name Joey.

>>Enter your name:
Monica
>> Hello Monica
>>Press:
>>1 : to check information
>>2 : to check balance
>>3 : to withdraw
>>4 : to deposit
>>5: to check last transaction
>>Any other key : to exit

2
%%%%%%%%%%%%
>>Your balance is: $5000
%%%%%%%%%%

>> Hello Monica
>>Press:
>>1 : to check information
>>2 : to check balance
>>3 : to withdraw
>>4 : to deposit
>>5: to check last transaction
>>Any other key : to exit
5
%%%%%%%%%
Withdrawn: $500
%%%%%%%%%%

>> Hello Monica
>>Press:
>>1 : to check information
>>2 : to check balance
>>3 : to withdraw
>>4 : to deposit
>>5: to check last transaction
>>Any other key : to exit
6