IDS 401 Assignment 2 Conditional Statement

Please make sure that you submit your assignment on time. Submitting your assignment early is recommended, in case problems arise with the submission process. After you submit your assignment, you should also download and open the file you submitted to make sure everything is OK. Late submissions will be accepted but penalized up to one week after the submission deadline. After that, assignments will not be accepted.

Keep in mind, when you run into difficulties, try to google it. You may find someone answered the same question somewhere before.

1. Create a java file with name Checking2, underscore, and your netID. For example, if your netID is batman1, your file name should be Checking2\_batman1. The objective of this assignment is to create a simple class for checking account. Notice that you can recycle some of the code you wrote for last assignment.
2. Create a class, with same name as your file name (keep in mine the main class name should be consistent with your file name).
   1. There are two data members:
      1. An int variable *AccNum*.
      2. A float variable *Balance.* Initialize the value of *Balance* as 100.
   2. There are three methods:
      1. *Deposit*. This method will deposit money into your account. This method should have one float parameter. There is no return value for this method. This method adds the value of parameter on the *Balance* of your current account.
      2. *Withdraw*. This method will withdraw money from your account. It takes one float parameter. There is an int return value. This method will subtract the value of parameter from the *Balance* of your current account. If parameter value is larger than balance (you want to withdraw more money than you have), this method will return zero, and keep *Balance* to be the same as before calling this method. Otherwise, this method will return one.
      3. *Main method.* The entry point to the program, i.e., *public static void main(String[] args)*
   3. In the main methods:
      1. Request input from user (you need to request two data: whether user want to deposit or withdraw; and amount).
      2. If user entered “deposit”, call Deposit method. Then print “deposit successful”. Then print balance amount
      3. If user entered “withdraw”, call *Withdraw* method.

iii. If Withdraw method returns zero, print “your withdraw exceeds limit”. Then print balance amount. Otherwise print “withdraw successful” and print balance amount.