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# CS 121 Lab 9

10/06/2016

## Task 1 – A Bank Account Class

1. Download the two class files *Account.java* and *ManageAccounts.java* from Blackboard. Add them to your project called Lab9.
2. File *Account.java* contains a partial definition for a class representing a bank account. Study it to see what methods it contains. Count how many methods are in this class? (Write your answers on this word file and show the instructor)
3. Check the *deposit* method. Do you understand the += operator? Write its equivalent instruction below:
4. Complete the Account class as described below.
5. Fill in the code to declare the three instance variables at the beginning of the class.
6. Complete the constructor of this class.
7. Fill in the code for method *toString,* which should return a string containing the name, account number, and balance for the account.
8. Fill in the code for method *chargeFee,* which should deduct a service fee $10.00 from the account instance variable *balance*.
9. Fill in the code for method *changeName* which takes a string as a parameter (*newName*) and changes the name on the account to be that string.

*name = newName;*

1. File *ManageAccounts.java* contains a skeleton of the testing program that uses the Account class above. Make sure it is added to the same project, and complete it as indicated by the comments.