

Part B.

Perform the following steps and submit required items with Project 1:

1. Create a UML Diagram to represent the classes described below and their inheritance.
 - a) Create the Account superclass to include:
Properties: Account Number, Account Holder name, balance, interest rate, date created.
Methods: DepositFunds, WithdrawFunds, CalculateInterest.
 - b) Create a Checking Account subclass to include:
Properties: Overdraft limit
 - c) Create a Savings Account subclass that has now OverDraftLimit
 - d) Create a Credit Card Account subclass to include:
Properties: CreditLimit
2. Write a java program and all associated classes that creates at least one object of each of the subclasses listed above: Checking Account, Savings Account, and Credit Card Account.

Due Date:

Project 1 Part A and Part B should be turned in together as one project the first class of Week 3.
Late Projects will be reduced 30% for each class period late.