

## APCS BankAccount Class Assignment:

Write a BankAccount class, a CreditCard class, and a BankAccountTest class all in one file.

### Specifications for BankAccount Class:

BankAccount class instance fields:

name, acctNum, balance, myCard

BankAccount methods:

Constructors, mutator methods, accessor methods, toString method, deposit method, and withdrawal method (the withdrawal method should not let client withdrawal more than is in his/her account. If so, print message saying that transaction was denied).

### Specifications for CreditCard Class:

CreditCard class instance fields:

cardNum and debtOwed

CreditCard Methods:

Constructors, mutator methods, accessor methods, toString method. Also include a charge method that adds a charge to the credit card, a repay method that remits back to the credit card, and a balance method that shows current balance owed to credit card.