AP CS Banking Project Part 1

You will create a project “Banking” with two classes, “Main” and “BankAccount.”

Class BankAccount

constructor – Have two constructors, one that has parameters of a name (String) and a balance (double). The second constructor should only have one parameter for the name (String) and should use a balance of zero

public methods –

deposit(double d)- adds the indicated amount to the balance

withdraw(double w) – subtracts the indicated amount from the balance. If there is not enough money in the account then it should result in a negative balance AND print out a statement indicating that the funds were insufficient.

getBalance() – returns the balance of the account

getName() – returns the name for the account

Class BankingMain

The main method should be designed to execute the following sequence of commands.

1. Create 3 BankAccounts using the account info below.

\* note account three should have an initial balance of zero.

**Todd Bauer**

**5000**

**Ryan Kolb**

**10000**

**Pete Nicholson**

Display the name and balance of each account after they are created.

1. Deposit funds into each account

Deposits for each account in the order from above:

**500**

**250**

**1000**

Display the name and balance of each account after all three deposits are finished.

1. Withdraw funds from each account

Withdraws for each account in the order from above:

**6000**

**5000**

**999.99**

Display the name and balance of each account after all three withdraws are finished. (\*\*\*The final result for account 3 should be strange)