**import** java.text.DecimalFormat;

**import** java.util.Scanner;

**public** **class** Account {

Scanner input = **new** Scanner(System.***in***);

DecimalFormat moneyFormat = **new** DecimalFormat("'$'###,##0.00");

**public** **int** setCustomerNumber(**int** customerNumber) {

**this**.customerNumber = customerNumber;

**return** customerNumber;

}

**public** **int** getCustomerNumber() {

**return** customerNumber;

}

**public** **int** setPinNumber(**int** PINNumber) {

**this**.PinNumber = PINNumber;

**return** PINNumber;

}

**public** **int** getPinNumber() {

**return** PinNumber;

}

**public** **double** getCheckingBalance() {

**return** checkingBalance;

}

**public** **double** getSavingBalance() {

**return** savingBalance;

}

**public** **double** calcCheckingWithdraw(**double** amount) {

checkingBalance = (checkingBalance - amount);

**return** checkingBalance;

}

**public** **double** calcSavingWithdraw(**double** amount) {

savingBalance = (savingBalance - amount);

**return** savingBalance;

}

**public** **double** calcCheckingDeposit(**double** amount) {

checkingBalance = (checkingBalance + amount);

**return** checkingBalance;

}

**public** **double** calcSavingDeposit(**double** amount) {

savingBalance = (savingBalance + amount);

**return** savingBalance;

}

**public** **void** getCheckingWithdrawInput() {

System.***out***.println("Checking Account Balance: " + moneyFormat.format(checkingBalance));

System.***out***.println("Amount you wamt to withdraw from Checking Account: ");

**double** amount = input.nextDouble();

**if** ((checkingBalance - amount) >= 0) {

calcCheckingWithdraw(amount);

System.***out***.println("New Checking Account balance: " + moneyFormat.format(checkingBalance));

}

**else** {

System.***out***.println("Balance cannot be negative.\n");

}

}

**public** **void** getSavingWithdrawInput() {

System.***out***.println("Saving Account Balance: " + moneyFormat.format(savingBalance));

System.***out***.println("Amount you wamt to withdraw from saving Account: ");

**double** amount = input.nextDouble();

**if** ((savingBalance - amount) >= 0) {

calcSavingWithdraw(amount);

System.***out***.println("New Checking saving balance: " + moneyFormat.format(savingBalance));

}

**else** {

System.***out***.println("Balance cannot be negative.\n");

}

}

**public** **void** getCheckingDepositInput() {

System.***out***.println("Saving Account Balance: " + moneyFormat.format(checkingBalance));

System.***out***.println("Amount you wamt to deposit from saving Account: ");

**double** amount = input.nextDouble();

**if** ((checkingBalance + amount) >= 0) {

calcCheckingDeposit(amount);

System.***out***.println("New Checking saving balance: " + moneyFormat.format(checkingBalance));

}

**else** {

System.***out***.println("Balance cannot be negative.\n");

}

}

**public** **void** getSavingDepositInput() {

System.***out***.println("Saving Account Balance: " + moneyFormat.format(savingBalance));

System.***out***.println("Amount you wamt to Deposit to saving Account: ");

**double** amount = input.nextDouble();

**if** ((savingBalance + amount) >= 0) {

calcSavingWithdraw(amount);

System.***out***.println("New Checking saving balance: " + moneyFormat.format(savingBalance));

}

**else** {

System.***out***.println("Balance cannot be negative.\n");

}

}

**private** **int** customerNumber;

**private** **int** PinNumber;

**private** **double** checkingBalance = 0;

**private** **double** savingBalance = 0;

}