package com.example.atm;

import java.text.DecimalFormat;

import java.util.Scanner;

public class Account

{

private double currentBalance = 10000;

private double savingBalance = 12000;

private int accountNumber;

private int pinNumber;

Scanner input = new Scanner(System.in);

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

public int setAccountNumber(int accountNumber) {

this.accountNumber = accountNumber;

return accountNumber;

}

public int getAccountNumber() {

return accountNumber;

}

public int setPinNumber(int pinNumber) {

this.pinNumber = pinNumber;

return pinNumber;

}

public int getPinNumber() {

return pinNumber;

}

public double getCurrentBalance() {

return currentBalance;

}

public double getSavingBalance() {

return savingBalance;

}

public double calcCurrentWithdraw(double amount) {

currentBalance = (currentBalance - amount);

return currentBalance;

}

public double calcSavingWithdraw(double amount) {

savingBalance = (savingBalance - amount);

return savingBalance;

}

public double calcCurrentDeposit(double amount) {

currentBalance = (currentBalance + amount);

return currentBalance;

}

public double calcSavingDeposit(double amount) {

savingBalance = (savingBalance + amount);

return savingBalance;

}

public void getCurrentWithdrawInput() {

System.out.println("Current Account Balance:" + moneyFormat.format(currentBalance));

System.out.println("Amount you want to withdraw from Current Account:");

double amount = input.nextDouble();

if ((currentBalance - amount) >=0) {

calcCurrentWithdraw(amount);

System.out.println("New Current Account Balance:" + moneyFormat.format(currentBalance));

}

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 want to withdraw from Saving Account:");

double amount = input.nextDouble();

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

calcSavingWithdraw(amount);

System.out.println("New Savings Account Balance:" + moneyFormat.format(savingBalance));

}

else {

System.out.println("Balance cannot be Negative." +"\n");

}

}

public void getCurrentDepositInput() {

System.out.println("Current Account Balance:" + moneyFormat.format(currentBalance));

System.out.println("Amount you want to Deposite from Current Account:");

double amount = input.nextDouble();

if ((currentBalance + amount) >=0) {

calcCurrentDeposit(amount);

System.out.println("New Current Account Balance:" + moneyFormat.format(currentBalance));

}

else {

System.out.println("Balance cannot be Negatrive." +"\n");

}

}

public void getSavingDepositInput() {

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

System.out.println("Amount you want to Deposite from Saving Account:");

double amount = input.nextDouble();

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

calcSavingDeposit(amount);

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

}

else {

System.out.println("Balance cannot be Negatrive." +"\n");

}

}

}