/\*\*

\* Bank account software for Simpleton's Bank.

\*

\* @author Dylan Cruz - Intern

\* @version 1.0 11/15/11

\*/

public class BankAcct

{

// instance variables - replace the example below with your own

private String name;

private double balance;

/\*\*

\* Constructors for objects of class BankAcct

\*/

public BankAcct()

{

balance = 0;

name = "Name";

}

public BankAcct(String newName, double startVal)

{

name = newName;

balance = startVal;

}

/\*\*

\* Accessors for tester.

\*/

public String getNam()

{

return name;

}

public double getBal()

{

return balance;

}

/\*\*

\* Allows depositing of money into an account.

\*/

public void deposit(double dep)

{

balance = balance + dep;

}

/\*\*

\* Gets the current balance of the account.

\*/

public double getBalance()

{

return balance;

}

/\*\*

\* Gets the name on the account.

\*/

public String getName()

{

return name;

}

/\*\*

\* Allows for setting a new name to the account.

\*/

public void setName(String newName)

{

name = newName;

}

/\*\*

\* Transfers money from one persons account to another.

\*/

public void transfer(BankAcct to, double howMuch)

{

if(howMuch > balance)

System.out.println("You don't have enough money to transfer this amount.");

else

{

this.withdrawal(howMuch);

to.deposit(howMuch);

}

}

/\*\*

\*

\*/

public void withdrawal(double with)

{

if(with <= balance)

balance = balance - with;

else

System.out.println("You don't have enough money to withdraw that much.");

}

}

**Tester**

/\*\*

\* Write a description of class BankAcctTester here.

\*

\* @author Dylan Cruz - Intern

\* @version 1.0 (11/16/11)

\*/

public class BankAcctTester

{

public static void main(String [] args)

{

System.out.print("\f");

System.out.println("Starting The Bank Account Program.");

BankAcct dylan = new BankAcct("Dylan", 2000.00);

BankAcct peter = new BankAcct("Peter", 10000.00);

System.out.println();

System.out.println("The amount of money in " + dylan.getNam() + "'s account is $" + dylan.getBal());

System.out.println("The amount of money in " + peter.getNam() + "'s account is $" + peter.getBal());

System.out.println();

dylan.deposit(300.00);

System.out.println("After a deposit of $300, the amount of money in " + dylan.getNam() + "'s account is $" + dylan.getBal());

dylan.withdrawal(250.00);

System.out.println("After a withdrawal of $250, he now has $" + dylan.getBal());

System.out.println();

dylan.setName("Steve");

System.out.println("After legal issues, Dylan is now known as " + dylan.getNam());

System.out.println();

dylan.transfer(peter, 500);

System.out.println("After " + dylan.getNam() + " transfers $500 to " + peter.getNam() + ", he now has $" + dylan.getBal() + " while peter has $" + peter.getBal());

}

}