package banking.account;

import framework.account.Account;

import framework.customer.ICustomer;

public class SavingsAccount extends Account {

private static final double INTEREST\_RATE = 0.06;

public SavingsAccount(ICustomer customer, String accountNum) {

super(customer, accountNum);

this.interestRate = INTEREST\_RATE;

this.accountType="S";

}

}

package banking.account;

import framework.account.Account;

import framework.customer.ICustomer;

public class CheckingAccount extends Account {

private static final double INTEREST\_RATE = 0.04;

public CheckingAccount(ICustomer customer, String accountNum) {

super(customer, accountNum);

this.interestRate = INTEREST\_RATE;

this.accountType = "C";

}

}

package banking.account.factory;

import banking.account.SavingsAccount;

import framework.account.IAccount;

import framework.account.factory.IAccountFactory;

import framework.customer.ICustomer;

public class SavingAccountFactory implements IAccountFactory {

@Override

public IAccount createAccount(ICustomer iCustomer, String accountNumber) {

return new SavingsAccount(iCustomer, accountNumber);

}

}

package banking.account.factory;

import banking.account.CheckingAccount;

import framework.account.IAccount;

import framework.account.factory.IAccountFactory;

import framework.customer.ICustomer;

public class CheckingAccountFactory implements IAccountFactory {

@Override

public IAccount createAccount(ICustomer iCustomer, String accountNumber) {

return new CheckingAccount(iCustomer, accountNumber);

}

}