package assignment5;

import java.util.Date;

public class Assignment5 {

public static void main(String[] args) {

}

}

class Account{

int id;

private double balance;

private double annualInterestRate;

private Date datecreated;

Account(){

id=0;

annualInterestRate=0.0;

balance=0;

}

Account(int newid ){

id=newid;

balance=5000;

}

int getId() {

return id;

}

double getBalance() {

return balance;

}

double getAnnualInterestRate() {

return annualInterestRate;

}

void setId (int newId) {

id = newId;

}

void setBalance (double newBalance) {

balance = newBalance;

}

void setAnnualInterestRate (double newAnnualInterestRate) {

annualInterestRate = newAnnualInterestRate;

}

void seDateCreated (Date newDateCreated) {

datecreated = newDateCreated;

}

double getMonthlyInterestRate() {

return annualInterestRate/12;

}

double withdraw (double amount) {

return balance -= amount;

}

double deposit(double amount) {

return balance += amount;

}

}