package com.mycompany.bankaccountobj;

public abstract class BankAccount

{

private int accNo;

private double balance;

public void setAccoNo(int accNo)

{

this.accNo=accNo;

}

public void setBalance(double balance)

{

this.balance=balance;

}

public int getAccoNo()

{

return accNo;

}

public double getBalance()

{

return balance;

}

abstract double calculateInterest();

}

package com.mycompany.bankaccountobj;

public class SavingsAccount extends BankAccount

{

private static final double savingsInterest=0.12;

@Override

double calculateInterest()

{

double balance=getBalance();

return balance\*savingsInterest;

}

}

package com.mycompany.bankaccountobj;

public class CheckingAccount extends BankAccount

{

private static final double checkingInterest=0.02;

@Override

double calculateInterest()

{

double balance=getBalance();

return balance\*checkingInterest;

}

}

package com.mycompany.bankaccountobj;

public class BankAccountobj

{

public static void main(String[] args)

{

SavingsAccount s1=new SavingsAccount();

s1.setBalance(20000000);

double savingsInterest=s1.calculateInterest();

System.out.println(savingsInterest);

CheckingAccount c1=new CheckingAccount();

c1.setBalance(1000000);

double checkingInterest=c1.calculateInterest();

System.out.println(checkingInterest);

}

}