**public** **class** BankCustInfo {

**private** **int** accntNum;

**private** String accntHolderName;

**private** **double** depoistedAmnt;

**private** **int** term;

**private** **float** rateOfInt;

**public** BankCustInfo()

{

}

**public** BankCustInfo(**int** id,String name,**double** amnt,**int** term)

{

accntNum=id; accntHolderName=name; depoistedAmnt=amnt; **this**.term=term; rateOfInt=8.75f;

}

**public** **int** getAccntNum() {

**return** accntNum;

}

**public** String getAccntHolderName() {

**return** accntHolderName;

}

**public** **double** getDepoistedAmnt() {

**return** depoistedAmnt;

}

**public** **int** getTerm() {

**return** term;

}

**public** **float** getRateOfInt() {

**return** rateOfInt;

}

**public** **double** getInterestedAmount()

{

**return** (depoistedAmnt\*term\*rateOfInt\*.01f);

}

}

**public** **class** SBIBank **extends** BankCustInfo{

**private** **float** rateOfInterest;

**public** SBIBank()

{

}

**public** SBIBank(**int** id,String name,**double** amnt,**int** term)

{

**super**(id,name,amnt,term);

**this**.rateOfInterest=8.0f;

}

**public** **float** getRateOfInterest() {

**return** rateOfInterest;

}

**public** **double** getInterestedAmount(**double** depoistedAmnt,**int** term,**float** rateOfInt )

{

**return** (depoistedAmnt\*term\*rateOfInt\*.01f);

}

}

**public** **class** ICICIBank **extends** BankCustInfo{

**private** **float** rateOfInterest;

**public** ICICIBank()

{

}

**public** ICICIBank(**int** id,String name,**double** amnt,**int** term)

{

**super**(id,name,amnt,term);

**this**.rateOfInterest=7.0f;

}

**public** **float** getRateOfInterest() {

**return** rateOfInterest;

}

**public** **double** getInterestedAmount(**double** depoistedAmnt,**int** term,**float** rateOfInt )

{

**return** (depoistedAmnt\*term\*rateOfInt\*.01f);

}

}

**public** **class** AXISBank **extends** BankCustInfo{

**private** **float** rateOfInterest;

**public** AXISBank()

{

}

**public** AXISBank(**int** id,String name,**double** amnt,**int** term)

{

**super**(id,name,amnt,term);

**this**.rateOfInterest=9.0f;

}

**public** **float** getRateOfInterest() {

**return** rateOfInterest;

}

**public** **double** getInterestedAmount(**double** depoistedAmnt,**int** term,**float** rateOfInt )

{

**return** (depoistedAmnt\*term\*rateOfInt\*.01f);

}

}

**public** **class** BankCustInfoCheck {

**public** **static** **void** main(String[] args) {

SBIBank SBI = **new** SBIBank(100,"Mahesh",10000,8);

ICICIBank ICICI = **new** ICICIBank(100,"Mahesh",20000,8);

AXISBank AXIS = **new** AXISBank(100,"Mahesh",30000,8);

System.***out***.println("SBI Interested amount is "+SBI.getInterestedAmount(SBI.getDepoistedAmnt(),SBI.getTerm(),SBI.getRateOfInt()));

System.***out***.println("ICICI Interested amount is "+ICICI.getInterestedAmount(ICICI.getDepoistedAmnt(),ICICI.getTerm(),ICICI.getRateOfInt()));

System.***out***.println("AXIS Interested amount is "+AXIS.getInterestedAmount(AXIS.getDepoistedAmnt(),AXIS.getTerm(),AXIS.getRateOfInt()));

}

}

Output:

SBI Interested amount is 6999.9998435378075

ICICI Interested amount is 13999.999687075615

AXIS Interested amount is 20999.999530613422