```
import java.util.Scanner;
abstract class Shape
 int length, breadth;
void printArea()
class Rectangle extends Shape
double areaR;
void printArea(){
areaR=(length*breadth);
System.out.println("The area of rectangle is "+areaR+" cm^2");
class Triangle extends Shape
double areaT;
void printArea(){
areaT=(0.5)*(length*breadth);
System.out.println("The area of Triangle is "+areaT+"cm^2");
```

```
class Circle extends Shape
double areaC:
void printArea(){
areaC=(3.14)*(length*length);
System.out.println("The area of circle is "+areaC+"cm^2");
class Main
public static void main(String args[])
Scanner A=new Scanner(System.in);
Rectangle R1=new Rectangle();
Triangle T1=new Triangle();
Circle C1=new Circle();
System.out.println("Enter the length and breadth of which u have to find the area of rectangle in cm\n");
R1.length=A.nextInt();
R1.breadth=A.nextInt();
System.out.println("Enter the length and breadth of which u have to find the area of triangle in cm\n");
```

```
T1.length=A.nextInt();
T1.breadth=A.nextInt();
System.out.println("Enter the length of which u have to find the area of circle in cm\n");
C1.length=A.nextInt();
R1.printArea();
T1.printArea();
C1.printArea();
}
```

nter the length and breadth of which u have to find the area of triangle in cm onter the length of which u have to find the area of circle in cm he area of rectangle is 100.0 cm ² he area of Triangle is 25.0cm ² he area of circle is 2826.0cm ²	
nter the length of which u have to find the area of circle in cm 0 he area of rectangle is 100.0 cm ² he area of Triangle is 25.0cm ²	0
0 he area of rectangle is 100.0 cm ² he area of Triangle is 25.0cm ²	nter the length and breadth of which u have to find the area of triangle in cm
0 he area of rectangle is 100.0 cm^2 he area of Triangle is 25.0cm^2	0
he area of Triangle is 25.0cm ²	nter the length of which u have to find the area of circle in cm
he area of Triangle is 25.0cm ²	0
	he area of rectangle is 100.0 cm^2
he area of circle is 2826.0cm ²	he area of Triangle is 25.0cm ²
	he area of circle is 2826.0cm ²

Enter the length and breadth of which u have to find the area of rectangle in cm

```
import java.util.Scanner;
class Bank
int deposit balance;
int wthdraw balance;
String customername;
String Account Number;
String Account Type:
int Balance=27890:
void accept()
Scanner s=new Scanner(System.in);
System.out.println("Enter the customer name\n");
customername=s.next();
System.out.println("Enter the Account Number\n");
Account Number=s.next();
System.out.println("Enter the Account type\n");
Account Type=s.next();
void display()
System.out.println("CUSTOMER NAME: "+customername);
System.out.println("ACCOUNT NUMBER: "+Account Number);
```

```
System.out.println("ACCOUNT TYPE: "+Account_Type);
class curr acct extends Bank{
int updated balance;
int After cwithdrawn;
int updated lost chalance;
int cdepo ba(){
updated balance=Balance+deposit balance;
return updated balance;
int cwith ba(){
After cwithdrawn=((updated balance)-(wthdraw balance));
return After cwithdrawn;
int minimum()
```

```
class sav_acct extends Bank{
int supdated_balance;
int After_swithdrawn;
int updated_lost_sbalance;
int compound_interest;
int sdepo_ba(){
supdated balance=Balance+deposit balance;
return supdated balance;
int interest()
double r=0.08;
int n=12;
int t=5;
compound_interest=(int)((supdated_balance)*(Math.pow((1+(r/n)),(n*t))));
return compound interest;
```

int minimum()

```
int Swith_ba(){
After swithdrawn=((compound interest)-(wthdraw balance));
return After swithdrawn;
int minimum()
if((After swithdrawn)<=(1000))
updated_lost_sbalance=((After_swithdrawn)-(100));
return updated lost sbalance;
else
return After swithdrawn;
class Transactions{
public static void main(String args[]){
Scanner r=new Scanner(System.in);
curr acct CA=new curr acct();
CA.accept();
```

```
System.out.println("Enter the money u want to deposit in current account in rupees");
CA.deposit balance=r.nextInt();
CA.display();
System.out.println("After your deposition of "+CA.deposit balance+"\nNow your total balance is
RS-"+CA.cdepo ba());
System.out.println("Enter the money you want to withdraw in rupees");
CA.wthdraw balance=r.nextInt();
System.out.println("After your withdrawal of "+CA.wthdraw balance+"\nNow your total balance is
RS-"+CA.cwith ba());
System.out.println("After checking if u have minimum balance are not your updated total balance is
RS-"+CA.minimum());
sav acct SA=new sav acct();
SA.accept();
System.out.println("Enter the money u want to deposit in Saving account");
SA.deposit balance=r.nextInt();
SA.display();
System.out.println("After your deposition of "+SA.deposit balance+"\nNow your total balance is
RS-"+SA.sdepo ba());
System.out.println("After interest ur updated balance is RS-"+SA.interest());
System.out.println("Enter the money you want to withdraw in Saving account");
SA.wthdraw balance=r.nextInt();
System.out.println("After your withdrawal of RS-"+SA.wthdraw balance+"\nNow your total balance is
RS-"+SA.Swith ba());
```

System.out.println("After	checking if u have minimum	balance are not your	updated total balance is
RS-"+SA.minimum());			

```
ogram Files\Java\jdk1.8.0_261\bin>java Transactions
the customer name
ımi
the Account Number
NR678
the Account type
ma1

    the money u want to deposit in current account in rupees

MER NAME : lakshmi
INT NUMBER : 2356CNR678
INT TYPE : personal
your deposition of 890
your total balance is RS-28780
the money you want to withdraw in rupees
your withdrawal of 28000
our total balance is RS-780
nave minimum balance below 2000 so u have lost 1000 rs
· checking if u have minimum balance are not your updated total balance is RS-580
the customer name
the Account Number
IR9086
the Account type
iess
the money u want to deposit in Saving account
MER NAME : lakshmi
INT NUMBER : 123CNR9086
INT TYPE : business
your deposition of 456
our total balance is RS-28346
interest ur updated balance is RS-42231
the money you want to withdraw in Saving account
your withdrawal of RS-42000
your total balance is RS-231
checking if u have minimum balance are not your updated total balance is RS-131
```

ogram Files\Java\jdk1.8.0 261\bin>javac Transaction.java

PageWork import ma will scannel Coss Bank und deposit balance balance balance String customer name String Account Number String Account Type ent Balance = 270890 word aucest Scanner S = new Scanner (System in) Eystein out great her (" tulk the wellowies manie ("1"). Cultones name - 8 next (). System out printer (" Tiles the Alecred dember 14x). Account Nelmere - S next () System out point in (" Enter the Account type Account Type - S next (); wild display () System out greatler ("Customer Name 1 + custorner name System out print in "1" Account number 1 + Account - Number): System out prently (" Acount Type "+ Account" - Type 1.

PageWork class curs aut extends Bank 5 int sdepo balli eint uplated balance, int After - Cuithdeavon Supdated_balance = Balance + deposit - balance unt updated lost chalance THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER. seturn supdated - F balance; int Cdepo_ba() ? int interest () updated _ balance = Balance + depost + - balance return updated balance double y=0.08 int (with - () updated balance int n = 12 compared interest (ent) (1 Supdated balance)* (Math. pow (1+6) After coulth deavon = (updated balance) -E Return After Culthdrawn int ninencum () (n*+1)11). actuan compared extrest; St (After _ cultudeaun < - (2000 1) iert Sulth - bal) { After - smith dean (Compound interest updated lost chalance - (After coulthdraw System out print les l'you have minimum balance below 2000 so in have les lort 200 Between After swith drawn; just minimum () Relation updated - lost a balance If ((After _ smith deavon) <= (1000)) Selection After a with deaver updated lost - s balance - ((After six 1_ (100)).
setuen uplated - lost scalanced; ciace law - acet extents Bank & out buydated - valouse ent after - & with drawn? Ithun Atte _s with deavon; ent uplated lost - Sbalance.

2 so not not batch batch are man tone 200 Class Fransaction public static und main (string args []) { Scannel Y = new Scanner (System in). Curr _ aut CA _ new Curr _ acet (); CA. auest (): System out print la l'Entre the money u want to deposit in current amount in supper) CA deposit - balance = Y next (n+ (); CA display (). System out pseutly ("After your deposition 00 + CA - depost - balance + 1 hi is Now your total balance & R8 _ "+CA . cdego - ball 1; System out point in ! " Fiter the money you Sant do withdow . - balance - r next (at1) System out prentin (After your with drawald 0 + CA withdraw - balance + " CA coneth - bal) ? System out point in (After charking if is have minimum balance are not youle reptaded total belance is RS-11+CA helpinun Sav- all SA = new sav-acet (). SA. auest (). System out - friend in (" Exten the money is want to deposit in Saving amount ") SA diplanti. Sustan out printer ("Afte your withdrawal of ORS" + SA neithdraw, balance + "In Now youl Lotal belance is K8+ SA suith bal (1); System out print in ("After checking if a

are not your repolated total balance il