1:Write a program to create student class with data members rollno, marks1, mark2, mark3. Accept data (acceptInfo()) and display using display member function. Also display total,percentage and grade.

//Student.java

**package** student;

**public** **class** Student {

**private** **int** rollNo;

**private** **float** marks1,marks2,marks3;

**public** **void** acceptInfo(**int** rno, **float** m1, **float** m2, **float** m3) {

rollNo=rno;

marks1=m1;

marks2=m2;

marks3=m3;

}

**public** **void** displayInfo() {

System.***out***.println("Roll No.: "+rollNo);

System.***out***.println("Marks1: "+marks1);

System.***out***.println("Marks2: "+marks2);

System.***out***.println("Marks3: "+marks3);

**float** sum=marks1+marks2+marks3;

**float** per=sum/3;

System.***out***.println("Total: "+sum);

System.***out***.println("Percentage: "+per);

**if**(per>=81) {

System.***out***.println("Grade: A");

} **else** **if**(per>=61) {

System.***out***.println("Grade: B");

} **else** **if**(per>=41) {

System.***out***.println("Grade: C");

} **else** {

System.***out***.println("Grade: D");

}

}

}

//TesterStudent.java

**package** student;

**public** **class** testerStudent {

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

// **TODO** Auto-generated method stub

Student s1;

s1=**new** Student();

s1.acceptInfo(101, 66, 88, 77);

s1.displayInfo();

}

}

1. Create a class Person with data members as name, age, city. Write getters and setters for all the data

members. Also add the display function. Create Default and Parameterized constructors. Create the

object of this class in main method and invoke all the methods in that class.

//Person.java

**package** person;

**public** **class** Person {

**private** String name;

**private** **int** age;

**private** String city;

**public** Person() {

name="Rahul";

age=26;

city="pune";

}

**public** Person(String name,**int** age,String city) {

**this**.name=name;

**this**.age=age;

**this**.city=city;

}

**public** **void** displayDetail() {

System.***out***.println("Name : "+name);

System.***out***.println("Age : "+age);

System.***out***.println("City : "+city);

}

**public** String getName() {

**return** name;

}

**public** **int** getAge() {

**return** age;

}

**public** String getCity() {

**return** city;

}

**public** **void** setName(String name) {

**this**.name=name;

}

**public** **void** setAge(**int** age) {

**this**.age=age;

}

**public** **void** setCity(String city) {

**this**.city=city;

}

}

//testerPerson.java

**package** person;

**public** **class** testerPerson {

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

Person p1=**new** Person();

p1.displayDetail();

System.***out***.println("---------------------");

Person p2=**new** Person("Rajat",24,"Amravati");

p2.displayDetail();

System.***out***.println("---------------------");

Person p3=**new** Person();

p3.setName("Rishi");

p3.setAge(24);

p3.setCity("Mumbai");

System.***out***.println("Name: "+p3.getName());

System.***out***.println("Age: "+p3.getAge());

System.***out***.println("City: "+p3.getCity());

}

}

2. Create a class Date with data members as dd, mm, yy. Write getters and setters for all the data members. Also add the display function. Create Default and Parameterized constructors. Create the object of this class in main method and invoke all the methods in that class.

//Date.java

**package** Date;

**public** **class** Date {

**private** **int** dd,mm,yy;

**public** Date() {

dd=25;

mm=01;

yy=1999;

}

**public** Date(**int** dd,**int** mm,**int** yy) {

**this**.dd=dd;

**this**.mm=mm;

**this**.yy=yy;

}

**public** **void** setDay(**int** dd) {

**this**.dd=dd;

}

**public** **void** setMonth(**int** mm) {

**this**.mm=mm;

}

**public** **void** setYear(**int** yy) {

**this**.yy=yy;

}

**public** **int** getDay() {

**return** dd;

}

**public** **int** getMonth() {

**return** mm;

}

**public** **int** getYear() {

**return** yy;

}

}

//TesterDate.java

**package** Date;

**public** **class** TesterDate {

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

// **TODO** Auto-generated method stub

Date d1;

d1=**new** Date();

System.***out***.println("Day : "+d1.getDay());

System.***out***.println("Month : "+d1.getMonth());

System.***out***.println("Year : "+d1.getYear());

System.***out***.println("------------------");

d1.setDay(9);

d1.setMonth(11);

d1.setYear(2000);

System.***out***.println("Day : "+d1.getDay());

System.***out***.println("Month : "+d1.getMonth());

System.***out***.println("Year : "+d1.getYear());

}

}

3. Create a class Book with data members as bname,id,author,price. Write getters and setters for all the data members. Also add the display function. Create Default and Parameterized constructors. Create the object of this class in main method and invoke all the methods in that class.

4. Create a class Point with data members as x,y. Create Default and Parameterized constructors. Write

getters and setters for all the data members. Also add the display function. Create the object of this

class in main method and invoke all the methods in that class.

5. Create a class ComplexNumber with data members real, imaginary. Create Default and Parameterized constructors. Write getters and setters for all the data members. Also add the display function. Create the object of this class in main method and invoke all the methods in that class.

6:create BankAccount aaplication for operations like withdraw ,deposite and moneyTransfer.

Create menu drive program for bank operations..

,balance,email...