1. Create a class Account with two overloaded constructors. First constructor is used for initializing, name of account holder, account number and initial amount in account. Second constructor is used for initializing name of account holder, account number, addresses, type of account and current balance. Account class is having methods Deposit (), Withdraw (), and Get\_Balance(). Make necessary assumption for data members and return types of the methods. Create objects of Account class and use them
2. Define a class MyInteger having one private int data member. Write a default constructor to initialize it to 0 and another constructor to initialize it to a value (Use this). Write methods isNegative, isPositive, isZero, isOdd, isEven. Create an object in main. Use command line arguments to pass a value to the object.
3. Write a program to print the names of students by creating a Student class. If no name is passed while creating an object of Student class, then the name should be "Unknown", otherwise the name should be equal to the String value passed while creating object of Student class.

1

class account  
{  
String name,address,type;  
int accno,bal;  
account(String n,int no,int b)  
{ name=n; accno=no; bal=b; }  
account(String n,int no,String addr,String t,int b)  
{  
name=n; accno=no;  
address=addr;  
type=t; bal=b;  
}  
void deposite(int a) { bal+=a; }  
void withdraw(int a) { bal-=a; }  
int getbalance() { return(bal); }  
void show()  
{  
System.out.println("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_");  
System.out.println(" ACCOUNT DETAILS");  
System.out.println("------------------------");  
System.out.println("Name : "+name);  
System.out.println("Account No : "+accno);  
System.out.println("Address : "+address);  
System.out.println("Type : "+type);  
System.out.println("Balance : "+bal);  
System.out.println("------------------------");  
}  
}  
class s03\_02  
{  
public static void main(String arg[])throws Exception  
{  
account a1=new account("Anil",555,5000);  
account a2=new account("Anil",666,"Tirur","Current account",1000);  
a1.address="Calicut";  
a1.type="fixed deposite";  
a1.deposite(5000);  
a2.withdraw(350);  
a2.deposite(a2.getbalance());  
a1.show();  
a2.show();  
}  
}

**2**

class MyNumber

{

                int no;

                                MyNumber()

                                {no=0;}

                MyNumber(int no)

                {

                                this.no=no;

                }

                                void isNegative()

                                {

                                                if(no<0)

                                                                System.out.println("Given number is negative.\n ");

                                }

                                void isPositive()

                                {

                                                if(no>0)

                                                                System.out.println("Given number is positive..\n");

                                }

                                void isZero()

                                {

                                                if(no==0)

                                                                System.out.println("Given number is negative..\n ");

                                }

                                void isOdd()

                                {

                                                if((no%2)==1)

                                                                System.out.println("Given number is Odd..\n ");

                                }

                                void isEven()

                                {

                                                if((no%2)==0)

                                                                System.out.println("Given number is Even.\n ");

                                }

}

class Ass\_B2

{

                public static void main(String args[])

                {

                                                int num=Integer.parseInt(args[0]);

                                                MyNumber ob=new MyNumber(num);

                                                ob.isNegative();

                                                ob.isPositive();

                                                ob.isZero();

                                                ob.isOdd();

                                                ob.isEven();

                }

}

**3**

|  |
| --- |
| Classstudent{ |
|  | String ss; |
|  | String name; |
|  | public student(String ss){ |
|  | name = ss; |
|  | } |
|  | public student() |
|  | { |
|  | name = "unknown"; |
|  | } |
|  | } |
|  | public class Raju{ |
|  | public static void main(String[] args) { |
|  | student obj = new student(); |
|  | obj.ss = "Vivek"; |
|  | //Student ss1 = new Student(); |
|  | System.out.println(obj.ss); |
|  | System.out.println(obj.name); |
|  |  |
|  | } |
|  | } |