Design a class to represent a bank account includes the following members. (Using Constructor) use menu driven Program,

* 1. To deposit an amount.
  2. To withdraw an element after checking minimum balance of 1000/-.
  3. To display the name and balance

(Data Members: Name of the Depositor, Account number, Balance Amount in the Account, Methods to assign initial amount value.)

import java.io.\*;

class bank

{

String name,accno;

int bal;

bank(String n, String ano, int b)

{

name=n;

accno=ano;

bal=b;

}

void deposit(int amt)

{

bal=bal+amt;

System.out.println("Amount Deposited");

}

void withdraw(int amt)

{

if((bal-amt)<1000)

System.out.println("Withdrawal Denied");

else

{

bal=bal-amt;

System.out.println("Withdrawal Successful");

}

}

void display()

{

System.out.println("Account Details\n");

System.out.println("Account Holder name :" + name);

System.out.println("Account Number :" + accno);

System.out.println("Balance Amount :" + bal);

}

}

class BankDeposit

{

public static void main(String[] args)throws IOException

{

String name,ano;

int bamt,ch;

DataInputStream in=new DataInputStream(System.in);

System.out.println("Enter the Account Holder name :");

name=in.readLine();

System.out.println("Enter Account Number :");

ano=in.readLine();

System.out.println("Enter Initial Amount :");

bamt=Integer.parseInt(in.readLine());

bank obj = new bank(name,ano,bamt);

do

{

int a,b;

System.out.println("\n\*\*\*MENU\*\*\*\n");

System.out.println("1.Deposit.\n");

System.out.println("2.Withdrawal.\n");

System.out.println("3.Display.\n");

System.out.println("Enter Your Choice:\n");

ch=Integer.parseInt(in.readLine());

switch(ch)

{

case 1:

System.out.println("Enter the Amount to Deposit:");

a=Integer.parseInt(in.readLine());

obj.deposit(a);

break;

case 2:

System.out.println("Enter the Amount to Withdraw:");

b=Integer.parseInt(in.readLine());

obj.withdraw(b);

break;

case 3:

obj.display();

break;

}

}

while(ch>0&&ch<4);

}

}

**OUTPUT**

Enter the Account Holder name :

chandra

Enter Account Number :

1656701

Enter Initial Amount :

10000

\*\*\*MENU\*\*\*

1.Deposit.

2.Withdrawal.

3.Display.

Enter Your Choice:

3

Account Details

Account Holder name :chandra

Account Number :1656701

Balance Amount :10000

\*\*\*MENU\*\*\*

1.Deposit.

2.Withdrawal.

3.Display.

Enter Your Choice:

1

Enter the Amount to Deposit:

5000

Amount Deposited

\*\*\*MENU\*\*\*

1.Deposit.

2.Withdrawal.

3.Display.

Enter Your Choice:

3

Account Details

Account Holder name :chandra

Account Number :1656701

Balance Amount :15000

\*\*\*MENU\*\*\*

1.Deposit.

2.Withdrawal.

3.Display.

Enter Your Choice:

2

Enter the Amount to Withdraw:

10000

Withdrawal Successful

\*\*\*MENU\*\*\*

1.Deposit.

2.Withdrawal.

3.Display.

Enter Your Choice:

2

Enter the Amount to Withdraw:

4500

Withdrawal Denied

\*\*\*MENU\*\*\*

1.Deposit.

2.Withdrawal.

3.Display.

Enter Your Choice: