**Design a class to represent bank account. Includes the following members:**

* **Name of depositor**
* **Account number**
* **Type of account**
* **Balance amount in the account Methods:**
* **To assign initial values**
* **To deposit an amount**
* **To withdraw an amount after checking balance.**
* **To display the name and balance.**

**Write a program to incorporate the constructor to provide initial values, use this keyword and also instantiate its object**

## SOURCE CODE

**import** java.util.\*;

**class** Detail1

{

String dname; **long** acno; String typeacc; **double** balance;

Detail1(String dname,**long** acno,String typeacc,**double** balance)

{

**this**.dname=dname; **this**.acno=acno; **this**.typeacc=typeacc; **this**.balance=balance;

}

**void** deposit(**double** amnt)

{

balance+=amnt;

}

**void** withdraw(**double** amnt){

**if**(amnt<=balance)

{

}

## else

}

balance-=amnt;

System.***out***.println("Amount withdrawn = "+amnt); System.***out***.println("New Balance = "+balance);

System.***out***.println("Entered amount is greater than balance");

**void** disp() {

System.***out***.println("Name of account holder - "+dname); System.***out***.println("Balance = "+balance);

}

}

**public class** Bank {

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

// **TODO** Auto-generated method stub Scanner sc=**new** Scanner(System.***in***); String name;

**long** no; String type;

**double** bal,amnt;

System.***out***.println("\t\t\t\t\tXYZ BANK LIMITED"); System.***out***.print("Enter the name of depositer : "); name=sc.nextLine();

System.***out***.print("Enter the account number : "); no=sc.nextLong();

System.***out***.print("Enter the type of account : "); type=sc.next();

System.***out***.print("Enter the Balance : "); bal=sc.nextDouble();

Detail1 obj=**new** Detail1(name,no,type,bal);

System.***out***.println("Press 1 to deposit amount, 2 to withdraw amount, 3 to display and 4 to exit");

**int** ch=sc.nextInt();

**while**(ch!=4)

{

**if**(ch==1) {

System.***out***.println("Enter the amount to deposit : "); amnt=sc.nextDouble();

obj.deposit(amnt);

}

**else if**(ch==2) {

System.***out***.println("Enter the amount to deposit : "); amnt=sc.nextDouble();

obj.withdraw(amnt);

}

**else if** (ch==3)

obj.disp();

## else

System.***out***.println("Wrong value entered");

System.***out***.println("Press 1 to deposit amount, 2 to withdraw amount, 3 to display and 4 to exit");

ch=sc.nextInt();

}

sc.close();

}

}