**Slip 7**

[October 31, 2023](https://nilambariblogfortybsc-cs.blogspot.com/2023/10/slip-7.html)

 Q1) Design a class for Bank. Bank Class should support following operations; a. Deposit a certain amount into an account b. Withdraw a certain amount from an account c. Return a Balance value specifying the amount with details [10 marks]

import java.io.\*;

class Bank

{

    int acno;

    String name;

    double balance;

    public Bank(int ano,String n,double b)

    {

        acno=ano;

name=n;

balance=b;

    }

   public void viewBalance()

   {

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

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

       System.out.println("The balance is: " + balance);

   }

   public void deposit(double amount)

   {

       balance += amount;

   }

   public void withdraw(double amount)

   {

balance-=amount;

   }

}

class Slip7\_1

{

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

{

Bank s=new Bank(1,"abc",500);

BufferedReader br = new BufferedReader(new InputStreamReader(System.in));

int ch;

do

{

System.out.println("Enter \n1.View Balance\n2.Withdraw\n3.Deposit\n4.Exit");

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

   switch(ch)

   {

case 1:s.viewBalance();break;

case 2:System.out.println("Enter Amount to Withdraw");

double amt=Double.parseDouble(br.readLine());

s.withdraw(amt);

break;

case 3:System.out.println("Enter Amount to Deposit");

double amt1=Double.parseDouble(br.readLine());

s.deposit(amt1);

break;

    }

}while(ch!=4);

}

}

 Q2) Write a program to accept a text file from user and display the contents of a file in reverse order and change its case.

// Demonstrate FileReader.

import java.io.\*;

class ReverseFile

{

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

{

FileReader fr = new FileReader("Sample.txt");

BufferedReader br = new BufferedReader(fr);

String s,s1="";

while((s = br.readLine()) != null)

{

s1+=s+"\n";

}

System.out.println("\*\*\*\*\*\*\*\*File content in reverse order\*\*\*\*\*\*\*\*");

StringBuffer sb=new StringBuffer(s1);

System.out.println(sb.reverse());

System.out.println("\*\*\*\*\*\*\*\*File content in Upper case\*\*\*\*\*\*\*\*");

System.out.println(s1.toUpperCase());

fr.close();

}

}