

```
import java.util.Scanner;
public class Reverse
{

    public static void main(String[] args)
    {

        String str1 = "Muskan";
        String d= "";

        for (int i = str1.length() - 1; i >= 0; --i) {
            d += str1.charAt(i);
        }

        char[] str=d.toCharArray();
        for(int i=0;i<d.length();i++)
        {
            if(i==0 || str[i-1]==' ')
            {
                str[i]=Character.toUpperCase(str[i]);
            }
            else if(str[i]==' ' || str[i]=='\0')
                str[i-1]=Character.toUpperCase(str[i-1]);
        }
        System.out.print("After Converting String is: ");
        for(int i=0;i<d.length();i++)
            System.out.print(str[i]);
    }
}
```

```
import java.io.*;
import java.lang.*;
class LessBalanceException extends Exception
{
    LessBalanceException(double amt)
    {
        System.out.println("Withdrawing "+amt+" is invlaid");
    }
}
class Account
{
    static int count=0;
    int accno;
    double bal;
    String name;
    Account(double bal,String n,int accno)
    {
        System.out.println("\nNew Account opened....!!");
        this.bal=bal;
        count++;
        System.out.println("Account Holder Name : " + n);
        name=n;
        System.out.println("Your Account Number is : "+accno);
        this.accno=accno;
        System.out.println("Total number of accounts : "+count);
    }
    void deposit(double amt)
    {
        System.out.println("Availabe Balance : "+bal);
        bal=bal+amt;
        System.out.println("Rs. : "+amt+" /- Created");
        System.out.println("Balance : "+bal);
    }
    void withdraw(double amt) throws LessBalanceException
    {
        System.out.println("\nAvailabe Balance : "+bal);
    }
}
```

```
    bal-=amt;
    if(bal<500)
    {
        bal+=amt;
        throw new LessBalanceException(amt);
    }
    System.out.println("Rs. : "+amt+ " /-Debited");
    System.out.println("Balacne : "+bal);
}
void balance()
{
    System.out.println("\nCustomer information");
    System.out.println("=====");
    System.out.println("Customer Name : "+name);
    System.out.println("Account Number : "+accno);
    System.out.println("Balance : "+bal);
}
}
class AccountDemo
{
    static int i=0;
    public static void main(String argv[]) throws IOException
    {
        Account ob[]=new Account[10];
        BufferedReader br=new BufferedReader(new InputStreamReader(System.in));
        double amt;
        String name;
        int ch,accno,k;
        boolean t=false;
        while(true)
        {
            System.out.println("\n*** Bank Transaction ***");
            System.out.println("1.Open new Account\n2.Deposit");
            System.out.println("3.Withdraw\n4.Balance\n5.Exit");
            System.out.print("Enter your choice : ");
            ch=Integer.parseInt(br.readLine());
```

```
switch(ch)
{
case 1:
System.out.println("Opening New Account : ");
System.out.print("Enter your name : ");
name=br.readLine();
System.out.print("\nEnter Account Number : ");
accno=Integer.parseInt(br.readLine());
System.out.print("\nEnter initial amount(to be >=500) : ");
amt=Double.parseDouble(br.readLine());
if(amt<500)
System.out.println("You cannot create an account with less than Rs.500/-");
else
{
ob[i]=new Account(amt,name,accno);
i++;
}
break;
case 2:
System.out.print("\nEnter Account number : ");
accno=Integer.parseInt(br.readLine());
for(k=0;k<i;k++)
if( accno==ob[k].accno)
{
t=true;
break;
}
if(t)
{
System.out.print("\nEnter the Amount for Deposit : ");
amt=Double.parseDouble(br.readLine());
ob[k].deposit(amt);
}
else
System.out.println("Invalid Account Number...!!!");
t=false;
}
```



```
        break;
    case 3:
        System.out.print("\nEnter Account number : ");
        accno=Integer.parseInt(br.readLine());
        for(k=0;k<i;k++)
            if(accno==ob[k].accno)
            {
                t=true;
                break;
            }
        if(t)
        {
            System.out.print("\nEnter the Amount for Withdraw : ");
            amt=Double.parseDouble(br.readLine());
            try
            {
                ob[k].withdraw(amt);
            }
            catch(LessBalanceException e)
            {}
        }
    else
        System.out.println("Invalid Account Number...!!!");
        t=false;
        break;
    case 4: |
        System.out.print("\nEnter Account number : ");
        accno=Integer.parseInt(br.readLine());
        for(k=0;k<i;k++)
            if(accno==ob[k].accno)
            {
                t=true;
                break;
            }
        if(t)
        {
```



```
        try
        {
            ob[k].withdraw(amt);
        }
        catch(LessBalanceException e)
        {}
    }
else
    System.out.println("Invalid Account Number...!!!");
    t=false;
    break;
case 4: |
    System.out.print("\nEnter Account number : ");
    accno=Integer.parseInt(br.readLine());
    for(k=0;k<i;k++)
        if(accno==ob[k].accno)
        {
            t=true;
            break;
        }
    if(t)
    {
        //System.out.println(accno + " asdfsdf " +ob[k].accno);
        ob[k].balance();
    }
    else
        System.out.println("Invalid Account Number...!!!");
        t=false;
        break;
case 5:
    System.exit(1);
default: System.out.println("Invalid Choice !!!");
}
}
```