```java
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)
```

```java
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("\n***************Customer information******************
  System.out.println("=====================================================
  System.out.println("Customer Name : "+name);
  System.out.println("Account Number : "+accno);
  System.out.println("Balance : "+bal);
}
}
```

```java
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) : ");
```

```java
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...!!!");
```

```java
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;
```

```java
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 !!!");
 }
 }
 }
}
```

```
Rs. : 100.0 /- Created
Balance : 700.0

******* Bank Transaction *********
1.Open new Account
2.Deposit
3.Withdraw
4.Balance
5.Exit
Enter your choice : 3

Enter Account number : 9999

Enter the Amount for Withdraw : 300

Availabe Balance : 700.0
Withdrawing 300.0 is invlaid

******* Bank Transaction *********
1.Open new Account
2.Deposit
3.Withdraw
4.Balance
5.Exit
Enter your choice : 4

Enter Account number : 9999

***************Customer information***************
=============================================
Customer Name : kanchan
Account Number : 9999
Balance : 700.0

******* Bank Transaction *********
1.Open new Account
2.Deposit
3.Withdraw
4.Balance
5.Exit
Enter your choice :
```

```
****** Bank Transaction *********
1.Open new Account
2.Deposit
3.Withdraw
4.Balance
5.Exit
Enter your choice : 1
Opening New Account :
Enter your name : kanchan

Enter Account Number : 9999

Enter initial amount(to be >=500) : 600

New Account opened....!!
Account Holder Name : kanchan
Your Account Number is : 9999
Total number of accounts : 1

****** Bank Transaction *********
1.Open new Account
2.Deposit
3.Withdraw
4.Balance
5.Exit
Enter your choice : 2

Enter Account number : 9999

Enter the Amount for Deposit : 100
Availabe Balance : 600.0
Rs. : 100.0 /- Created
Balance : 700.0

****** Bank Transaction *********
1.Open new Account
2.Deposit
3.Withdraw
4.Balance
5.Exit
Enter your choice : 3

Enter Account number : 9999
```