Write a program to demonstrate generics with multiple object parameters.

```
import java.io.*;
import java.lang.*;
import java.util.*;

class gen<T>
{
  T ob;
  gen(T o)
  {
    ob=o;
  }
  T getob()
  {
    return ob;
  }
  void showtype()
  {
    System.out.println("Type of T is " + ob.getClass().getName());
  }
}

class generic
{
  public static void main(String[] args)
  {
    String n;
    Scanner sc=new Scanner(System.in);
    System.out.println("Enter the Integer Number to Be Displayed Using the generic
style");
    n=sc.next();
    gen<Integer> ob1=new gen<Integer>(Integer.parseInt(n));
    ob1.showtype();
    int val=ob1.getob();
    System.out.println("Value is: " + val);

    System.out.println();

    System.out.println("Enter the String to Be Displayed Using the generic style");
    n=sc.next();
    gen<String> ob2=new gen<String>(n);
    ob2.showtype();
    String x=ob2.getob();
    System.out.println("Value : " + x);

    System.out.println();
```

```
    System.out.println("Enter the Double Number to Be Displayed Using the generic
style");
    n=sc.next();
    gen<Double> ob3=new gen<Double>(Double.parseDouble(n));
    ob3.showtype();
    double ans=ob3.getob();
    System.out.println("Value : " + ans);

  }
}
```

output:

```
bash-5.0$  /Library/Java/JavaVirtualMachines/jdk-11.0.8.jdk/Contents/Home/bin/java -agentlib:jdwp=transport=d
t_socket,server=n,suspend=y,address=localhost:49812 -Dfile.encoding=UTF-8 -cp "/Users/adityaprakasha/Library/
Application Support/Code/User/workspaceStorage/cec6510638e2882570735580372d9ec6/redhat.java/jdt_ws/Developer_
877bb0be/bin" generic
Enter the Integer Number to Be Displayed Using the generic style
25
Type of T is java.lang.Integer
Value is: 25

Enter the String to Be Displayed Using the generic style
lochan
Type of T is java.lang.String
Value : lochan

Enter the Double Number to Be Displayed Using the generic style
24.7
Type of T is java.lang.Double
Value : 24.7
bash-5.0$
```