LAB-7

Date _____ Page _____

```
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.gettob();
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.gettob();
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.gettob();
System.out.println("Value:"+ans);
}
}
```