7. Write a program to demonstrate generics with multiple object parameters.

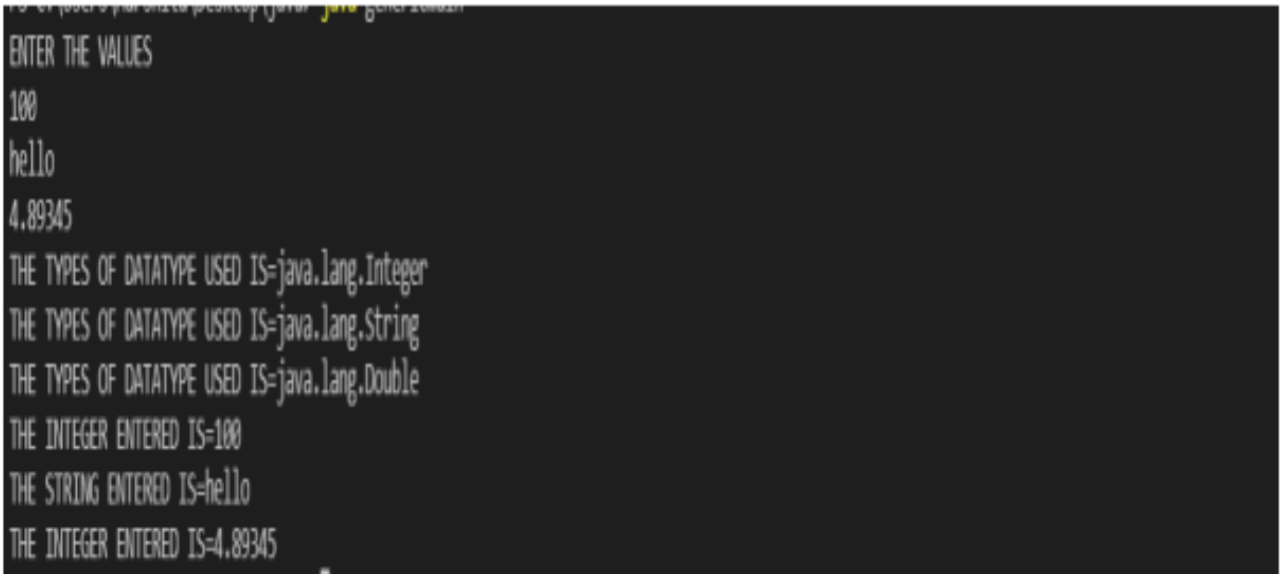
CODE:

```
import java.util.*;
import java.lang.String;
import java.awt.*;
import java.awt.event.*;
class generic<DT1,DT2,DT3>
{
 DT1 obj;
 DT2 obj1;
 DT3 obj2;
 generic(DT1 a,DT2 b,DT3 c)
 {
 obj=a;
 obj1=b;
 obj2=c;
 }
 DT1 get1()
 {
 return obj;
```

```
 }
 DT2 get2()
 {
 return obj1;
 }
 DT3 get3()
 {
 return obj2;
 }
 void showdatatype()
 {
 System.out.println("THE TYPES OF DATATYPE
USED
IS="+obj.getClass().getName());
 System.out.println("THE TYPES OF DATATYPE
USED
IS="+obj1.getClass().getName());
 System.out.println("THE TYPES OF DATATYPE
USED
IS="+obj2.getClass().getName());
 }
}
```

```
class genericmain
{
 public static void main(String args[])
 {
 Scanner s=new Scanner(System.in);
 System.out.println("ENTER THE VALUES");
 int x=s.nextInt();
 String str=s.next();
 double xx=s.nextDouble();
 generic<Integer,String,Double> a=new
generic<Integer,String,Double>(x,str,xx);
 a.showdatatype();
 System.out.println("THE INTEGER ENTERED
IS="+a.get1());
 System.out.println("THE STRING ENTERED
IS="+a.get2());
 System.out.println("THE INTEGER ENTERED
IS="+a.get3());
 }
}
```

OUTPUT:


ENTER THE VALUES
100
hello
4.89345
THE TYPES OF DATATYPE USED IS=java.lang.Integer
THE TYPES OF DATATYPE USED IS=java.lang.String
THE TYPES OF DATATYPE USED IS=java.lang.Double
THE INTEGER ENTERED IS=100
THE STRING ENTERED IS=hello
THE INTEGER ENTERED IS=4.89345