

## 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());

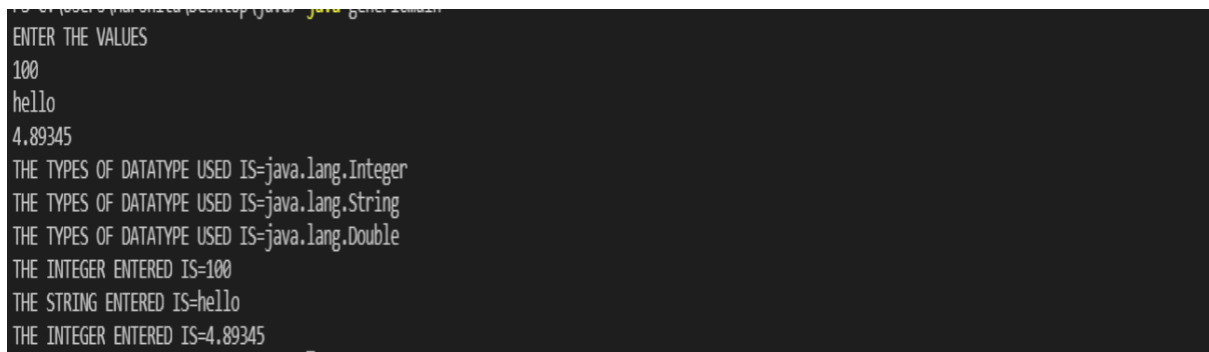
        System.out.println("THE INTEGER ENTERED IS="+a.get3());

    }

}

```

## 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

```