Lab Program – 7.

```
import java.util.Scanner;
class ThreeGen<T, V, S>
{
    T ob1;
    V ob2;
    S ob3;

    ThreeGen(T o1, V o2, S o3)
    {
        ob1 = o1;
        ob2 = o2;
        ob3 = o3;
    }

    void showTypes()
    {
        System.out.println("\nType of T is " +
                           ob1.getClass().getName());
        System.out.println("Type of V is " +
                           ob2.getClass().getName());
        System.out.println("Type of S is " +
                           ob3.getClass().getName());
    }
    T getob1()
    {
        return ob1;
    }
    V getob2()
    {
        return ob2;
    }
```

```
S getob3()
{
    return ob3;
}
}

class Generics
{
public static void main(String args[])
{
    int a;
    String b;
    Double c;
    Scanner ss = new Scanner(System.in);
    System.out.println("\nEnter the INTEGER value:");
    a = ss.nextInt();
    System.out.println("Enter the STRING value:");
    b = ss.next();
    System.out.println("Enter the DOUBLE value:");
    c = ss.nextDouble();
    ThreeGen<Integer, String, Double> tgobj =
        new ThreeGen<Integer, String, Double>(a,b,c);
    tgobj.showTypes();
    int v = tgobj.getob1();
    System.out.println("\n Integer value :" + v);
    String str = tgobj.getob2();
    System.out.println("String value :" + str);
    Double d = tgobj.getob3();
    System.out.println("Double value :" + d);
}
}
```