

Lab program-7

```
import java.util.Scanner;
```

```
class generic <DT1, DT2>
```

```
{
```

```
    DT1 objo;
```

```
    DT2 objo1;
```

```
    DT3 objo2;
```

```
    generic(DT1 a, DT2 b, DT3 c)
```

```
    {
```

```
        objo = a;
```

```
        objo1 = b;
```

```
        objo2 = c;
```

```
        DT1 get1()
```

```
        {
```

```
            return obj;
```

```
        DT2 get2()
```

```
        {
```

```
            return objo1;
```

```
        DT3 get3()
```

```
        {
```

```
            return objo2;
```

```
        void showdatatype()
```

```
        {
```

```
            sop("Types of Datatype used is -" +
```

```
                objo.getClass().getName())
```

```
            sop("The Types of Datatype used is -" + objo1.getClass().
```

```
                getName())
```

```
            sop("The Type of Datatype used is -" + objo2.getClass().get
```

```
                Name())
```

```
class genericMain
```

```
{
```

```
    public static void main (String args[])
```

```
    {
```

```
        Scanner s = new Scanner (System.in);
```

```
        sop("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();
```

```
        sop("The Integer entered is=" + a.get(1));
```

```
        sop("The String entered is=" + a.get2(1));
```

```
        sop("The Double value entered is=" +  
            a.get3(1));
```

```
    }
```

```
}
```