

Lab 7

```
class Gen<T,U,V>
{
    T ob1;
    U ob2;
    V ob3;
    Gen(T o1, U o2, V o3)
    {
        ob1 = o1;
        ob2 = o2;
        ob3 = o3;
    }
    void ShowTypes()
    {
        System.out.println("Type of object T is "
            + ob1.getClass().getName());
        System.out.print("Type of object U is " + ob2.getClass().
            getName());
        System.out.print("Type of object V is " + ob3.getClass().
            getName());
    }
    T getob1()
    {
        return ob1;
    }
}
```


store
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```
U getob2()  
{  
    return ob2;  
}
```

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

```
class Generics  
{
```

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

```
        Gen<Integer, Double, String> genOb = new Gen  
            <Integer, Double, String>(20, 95.678, "Nandu");  
        genOb.showTypes();
```

```
        int t = genOb.getob1();  
        System.out.println("Value in T: " + t);  
        Double u = genOb.getob2();  
        System.out.print("Value in U: " + u);  
        String v = genOb.getob3();  
        System.out.print("Value in V: ", t + v);  
    }
```

```
}
```



```
C:\java>javac Generics.java
```

```
C:\java>java Generics
```

```
Type of object T is java.lang.Integer
```

```
Type of object U is java.lang.Double
```

```
Type of object V is java.lang.String
```

```
value in T: 20
```

```
value in U: 95.678
```

```
value in V: nandita
```

```
C:\java>
```