

Lab Program 7 : Generics

```
class TwoGen < T, V > {
```

```
    T ob1;
```

```
    V ob2;
```

```
    TwoGen ( T o1, V o2 ) {
```

```
        ob1 = o1;
```

```
        ob2 = o2;
```

```
    }
```

```
    void showTypes() {
```

```
        System.out.println (" Type of T is " + ob1.getClass().getName());
```

```
        System.out.println (" Type of V is " + ob2.getClass().getName());
```

```
    }
```

```
    T getob1() {
```

```
        return ob1;
```

```
    }
```

```
    V getob2() {
```

```
        return ob2;
```

```
    }
```

```
}
```

```
class LAB7 {
```

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

```
    {
        TwoGen < Integer, String > tgObj = new TwoGen < Integer, String >
                                           ( 88, "Generics" );
    }
}
```

```
tgObj.showTypes();
```

```
int v = tgObj.getObj1();
```

```
System.out.println("value: " + v);
```

```
String str = tgObj.getObj2();
```

```
System.out.println("value: " + str);
```

```
}
```

```
}
```