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DDJ

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LAB-7

// A Simple generic class with the two parameters: T and V

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

```
    T Ob1;
```

```
    V Ob2;
```

// Pass the constructor a reference to an Object of type T and an Object of type V.

```
TwoGen (T O1, V O2) {
```

```
    Ob1 = O1;
```

```
    Ob2 = O2;
```

```
}
```

// Show types of T and V

```
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;
```

```
}
```

```
}
```

// Demonstrate TwoGen.

```
class SimpGen {
```

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

```
        TwoGen <Integer, String> tgObj =
```

```
        new TwoGen <Integer, String> (88, "Generics");
```

// Show the types.
tgObj.showTypes();

and v

// Obtain the show values.

int v = tgObj.getOb1();

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

String str = tgObj.getOb2();

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

}

}

());