

Name of the Experiment :

Date :

Experiment No.

: WEEK-10 - LAB-7

Page No. :

```
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 T is " + ob1.getClass().getName());
```

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

```
        System.out.println("Type of V is " + ob3.getClass().getName());
```

```
    }
```

```
    T getob1() {
```

```
        return ob1;
```

```
    }
```

```
    U getob2() {
```

```
        return ob2;
```

```
    }
```

```
    V getob3() {
```

```
        return ob3;
```

```
    }
```

```
}
```

```
class Genextcs {
```

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

```
        Gen<Integer, Double, String> genOb = new Gen<Integer,  
            Double, String>(15, 99.457, "N9rangai");
```

```
        genOb.showTypes();
```

```
        int t = genOb.getOb1();
```

```
        System.out.println("value in T " + t);
```

```
        double u = genOb.getOb2();
```

```
        System.out.println("value in U " + u);
```

```
        String v = genOb.getOb3();
```

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

```
    }
```

```
}
```