

Lab Program - 1

Medha

```
class GenTrial < T1, T2, T3 > {
    T1 ob1;
    T2 ob2;
    T3 ob3;

    GenTrial ( T1 o1, T2 o2, T3 o3 ) {
        ob1 = o1;
        ob2 = o2;
        ob3 = o3;
    }

    void showTypes () {
        System.out.println("type of T1 is:" + ob1.getClass().getName());
        System.out.println("type of T2 is:" + ob2.getClass().getName());
        System.out.println("type of T3 is:" + ob3.getClass().getName());
    }

    T1 getOb1 () {
        return ob1;
    }

    T2 getOb2 () {
        return ob2;
    }

    T3 getOb3 () {
        return ob3;
    }
}

class GenDemo {
    public static void main (String[] args) {
        GenTrial < Integer, String, Double > gt = new GenTrial <
            Integer, String, Double > (10, "Hello", 50.0);

        int a = gt.getOb1();
        String b = gt.getOb2();
        double c = gt.getOb3();

        gt.showTypes();
        System.out.println("ob1, ob2, ob3:" + a + b + c);
    }
}
```