

Lab-7

```
import java.util.Scanner;  
class Multipl<T, V>
```

```
{
```

```
    T ob1;
```

```
    V ob2;
```

```
    Multipl(T ob1, V ob2)
```

```
{
```

```
    ob1 = ob1;
```

```
    ob2 = ob2;
```

```
}
```

```
void showTypes()
```

```
{
```

```
    System.out.println("Type of first: " + ob1.getClass().
```

```
        getName());
```

```
    System.out.println("Type of second: " + ob2.getClass().
```

```
        getName());
```

```
}
```

```
T getob1()
```

```
{
```

```
    return ob1;
```

```
}
```

```
V getob2()
```

```
{
```

```
    return ob2;
```

```
}
```

```
}
```

Teacher's Signature _____


```
class Main
```

```
{
```

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

```
    {
```

```
        Scanner scan = new Scanner (System.in);
```

```
        System.out.println ("Enter any string: ");
```

```
        String s = scan.nextLine();
```

```
        System.out.println ("Enter any Integer: ");
```

```
        int i = scan.nextInt();
```

```
        System.out.println();
```

```
        System.out.println ("Enter any strings: ");
```

```
        String st = scan.next();
```

```
        System.out.println ("Enter any double: ");
```

```
        double d = scan.nextDouble();
```

```
        multiple <String, Integer> tgobj = new multiple <  
            String, Integer> (s, i);
```

```
tgobj
```

```
        String str = tgobj.getobj1();
```

```
        System.out.println ("Value of set 1: " + str);
```

```
        int v = tgobj.getobj2();
```

```
        System.out.println ("Value of set 1: " + v);
```

```
        System.out.println();
```

Teacher's Signature _____


```
multiple <String, Double> tobj = new multiple <String,  
Double> (st, d);  
tobj.showTypes();
```

```
String strn = tobj.getObj1();  
System.out.println("Value of set 2 : " + strn);  
double vd = tobj.getObj2();  
System.out.println("Value of set 2 : " + vd);
```

Teacher's Signature _____