

## LAB 7- GENERICS USING MULTIPLE OBJECT PARAMETERS

```
class FourGen<T, V, W, X> {  
    T ob1;  
    V ob2;  
    W ob3;  
    X ob4;  
    FourGen(T o1, V o2, W o3, X o4) {  
        ob1 = o1;  
        ob2 = o2;  
        ob3 = o3;  
        ob4 = o4;  
    }  
    void showTypes() {  
        System.out.println("Type of T is " +ob1.getClass().getName());  
        System.out.println("Type of V is " +ob2.getClass().getName());  
        System.out.println("Type of W is " +ob3.getClass().getName());  
        System.out.println("Type of X is " +ob4.getClass().getName());  
    }  
    T getob1() {  
        return ob1;  
    }  
    V getob2() {  
        return ob2;  
    }  
    W getob3() {  
        return ob3;  
    }  
    X getob4() {  
        return ob4;  
    }  
}
```

```

}

class SimpGen {

public static void main(String args[]) {

FourGen<Integer, String, Double, Long> tgObj =

new FourGen<Integer, String, Double, Long>(19, "Anitej", 23.8765, 327666L);

tgObj.showTypes();

int v = tgObj.getob1();

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

String str = tgObj.getob2();

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

Double dbl= tgObj.getob3();

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

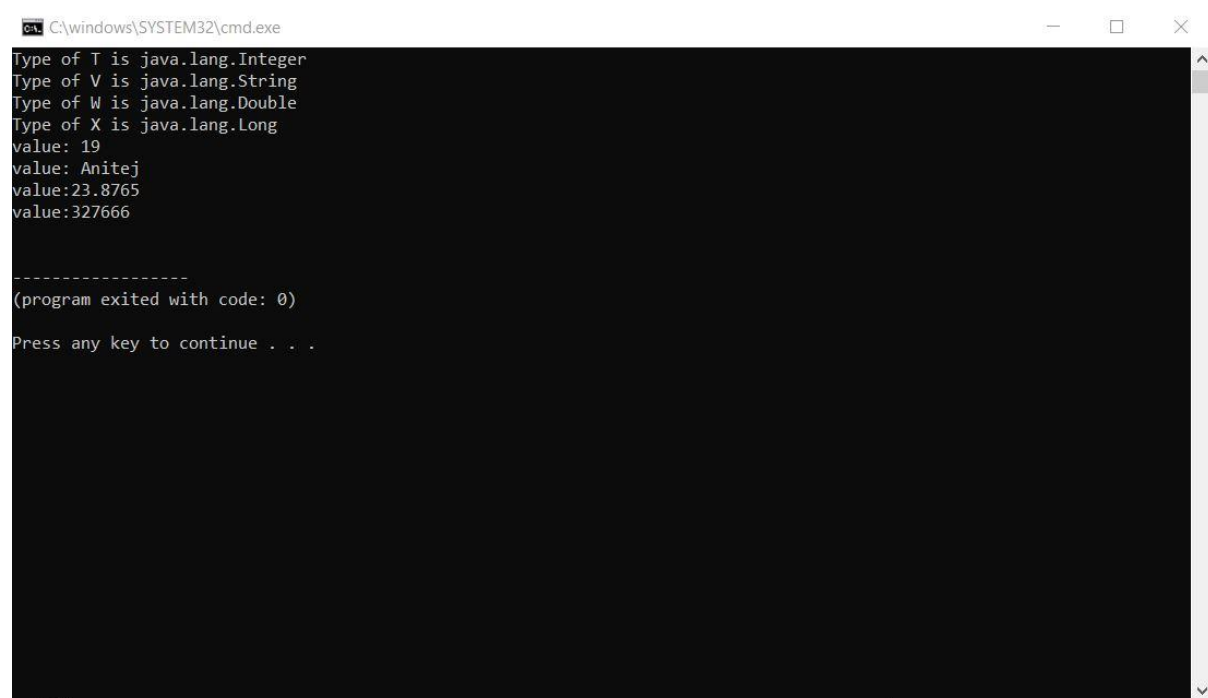
Long lng= tgObj.getob4();

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

}

}

```



```

C:\windows\SYSTEM32\cmd.exe
Type of T is java.lang.Integer
Type of V is java.lang.String
Type of W is java.lang.Double
Type of X is java.lang.Long
value: 19
value: Anitej
value:23.8765
value:327666

-----
(program exited with code: 0)
Press any key to continue . . .

```