

Name : Sakshi. P. Khandoba

USN : 1BM19CS139

Section : 3C

Batch : 2

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7. Write a program to demonstrate generics with multiple object parameters.

```
class TwoGen<T,V>
{
    T obj1;
    V obj2;

    TwoGen(T obj1, V obj2)
    {
        obj1 = obj1;
        obj2 = obj2;
    }

    void showTypes()
    {
        System.out.println("\nType of T is "
            + obj1.getClass().getName());
        System.out.println("Type of V is "
            + obj2.getClass().getName());
    }

    T getobj1()
    {
        return obj1;
    }

    V getobj2()
    {
        return obj2;
    }
}

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

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```
TwoGen<Integer, String> object1 = new  
    TwoGen<Integer, String>(29, "Generics");  
object1.showTypes();  
int i = object1.getObj1();  
System.out.println("Value of type T: " + i);  
String str = object1.getObj2();  
System.out.println("Value of type V: " + str);  
TwoGen<String, Double> object2 = new  
    TwoGen<String, Double>("This is generics", 27.38);  
object2.showTypes();  
String str1 = object2.getObj1();  
System.out.println("Value of type T: " + str1);  
double j = object2.getObj2();  
System.out.println("Value of type V: " + j);
```