



B. M. S. COLLEGE OF ENGINEERING, BENGALURU-19

Autonomous Institute, Affiliated to VTU

DEPARTMENT OF CSE

7	IV	Write a program to demonstrate generics with multiple object parameters.
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LAB PROGRAM - 7

```

import java.util.*;
class Generics <T> {
    T var1;
    void Generics (T gvar) {
        var1 = gvar;
    }
    † odisplay () {
        return var1;
    }
}

public class App {
    public static void main (String arg []) throws Exception {
        System.out.println ("Enter Student details ");
        Scanner tinp = new Scanner (System.in);
        Generics <Integer> Rollno = new Generics <Integer> ();
        Generics <String> Name = new Generics <String> ();
        System.out.println ("Name:");
        String Sname = tinp.nextLine ();
        Name.Generics (Sname);
        System.out.println ("USN:");
        int Sroll = tinp.nextInt ();
        Rollno.Generics (Sroll);
        System.out.println ("_____Display_____");
        System.out.println ("Name: " + Name.odisplay ());
        System.out.println ("USN: " + Rollno.odisplay ());
        tinp.close ();
    }
}

```




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```
import java.util.*;
class Genrics<T>{
    T var1;
    void Genirics(T gvar){
        var1=gvar;
    }
    T Gdisplay(){
        return var1;
    }
}
public class App{
    public static void main(String args[])throws Exception{
        System.out.println(" Enter student details ");
        Scanner Minp=new Scanner(System.in);
        Genrics<Integer>Rollno=new Genrics<Integer>();
        Genrics<String>Name=new Genrics<String>();
        System.out.println("Name: ");
        String Sname=Minp.nextLine();
        Name.Genirics(Sname);
        System.out.println("usrn: ");
        int Sroll=Minp.nextInt();
        Rollno.Genirics(Sroll);
        System.out.println("----Display----");
        System.out.println(" Name: "+Name.Gdisplay());
        System.out.println(" Usn : "+Rollno.Gdisplay());
        Minp.close();
    }
}
```


Windows PowerShell

PS C:\Users\sarayu\Desktop\ooj> javac App.java

PS C:\Users\sarayu\Desktop\ooj> java App

Enter student details

Name:

abc

Usn:

1234

----Display----

Name: abc

Usn : 1234

PS C:\Users\sarayu\Desktop\ooj> _