

```
1 class Gen<T, U, V> {
2     T ob1;
3     U ob2;
4     V ob3;
5
6
7     Gen(T o1, U o2, V o3) {
8         ob1 = o1;
9         ob2 = o2;
10        ob3 = o3;
11    }
12
13
14    void showTypes() {
15        System.out.println("Type of T object is " + ob1.getClass().getName());
16        System.out.println("Type of U object is " + ob2.getClass().getName());
17        System.out.println("Type of V object is " + ob3.getClass().getName());
18    }
19
20    T getob1() {
21        return ob1;
22    }
23
24    U getob2() {
25        return ob2;
26    }
27
28    V getob3() {
29        return ob3;
30    }
31 }
32
```

```
33
34 class Generics {
    Run | Debug
35 public static void main(String args[]) {
36     Gen<Integer, Double, String> genOb = new Gen<Integer, Double, String>(16, 94.857, "Manikanth");
37
38     genOb.showTypes();
39
40     int t = genOb.getob1();
41     System.out.println("value in T: " + t);
42     Double u = genOb.getob2();
43     System.out.println("value in U: " + u);
44     String v = genOb.getob3();
45     System.out.println("value in V: " + v);
46 }
47 }
```

Windows PowerShell

Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS C:\Users\Chaya Shetty\Desktop\jv> javac Generics.java

PS C:\Users\Chaya Shetty\Desktop\jv> java Generics

Type of T object is java.lang.Integer

Type of U object is java.lang.Double

Type of V object is java.lang.String

value in T: 16

value in U: 94.857

value in V: Manikanth

PS C:\Users\Chaya Shetty\Desktop\jv> █