

Generics.java - java - Visual Studio Code

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Father.java Generics.java X

Generics.java > genericmain > main(String[])

```
1 import java.util.*;
2 import java.lang.String;
3 class generic<DT1,DT2,DT3>
4 {
5     DT1 obj;
6     DT2 obj1;
7     DT3 obj2;
8     generic(DT1 a,DT2 b,DT3 c)
9     {
10         obj=a;
11         obj1=b;
12         obj2=c;
13     }
14     DT1 get1()
15     {
16         return obj;
17     }
18     DT2 get2()
19     {
20         return obj1;
21     }
22     DT3 get3()
23     {
24         return obj2;
25     }
26     void showdatatype()
27     {
28         System.out.println("THE TYPES OF DATATYPE USED IS="+obj.getClass().getName());
29         System.out.println("THE TYPES OF DATATYPE USED IS="+obj1.getClass().getName());
30         System.out.println("THE TYPES OF DATATYPE USED IS="+obj2.getClass().getName());
31     }
32 }
33 class genericmain
34 {
35     Run | Debug
36     public static void main(String args[])
37     {
38         Scanner s=new Scanner(System.in);
39         System.out.println("ENTER THE VALUES");
40         int x=s.nextInt();
```

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Generics.java > genericmain > main(String[])

```
16    return obj;  
17 }  
18 DT2 get2()  
19 {  
20     return obj1;  
21 }  
22 DT3 get3()  
23 {  
24     return obj2;  
25 }  
26 void showdatatype()  
27 {  
28     System.out.println("THE TYPES OF DATATYPE USED IS="+obj.getClass().getName());  
29     System.out.println("THE TYPES OF DATATYPE USED IS="+obj1.getClass().getName());  
30     System.out.println("THE TYPES OF DATATYPE USED IS="+obj2.getClass().getName());  
31 }  
32 }  
33 class genericmain  
34 {  
35     Run | Debug  
36     public static void main(String args[])  
37     {  
38         Scanner s=new Scanner(System.in);  
39         System.out.println("ENTER THE VALUES");  
40         int x=s.nextInt();  
41         String str=s.next();  
42         double xx=s.nextDouble();  
43         generic<Integer,String,Double> a=new generic<Integer,String,Double>(x,str,xx);  
44         a.showdatatype();  
45         System.out.println("THE INTEGER ENTERED IS="+a.get1());  
46         System.out.println("THE STRING ENTERED IS="+a.get2());  
47         System.out.println("THE INTEGER ENTERED IS="+a.get3());  
48     }  
49 }
```

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