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1 //Write a program to demonstrate generics with multiple object parameters.
2 import java.util.Scanner;
3 class Gener<A,B,C>{
4     A ob1;
5     B ob2;
6     C ob3;
7     Gener(A o1,B o2,C o3){
8         ob1=o1;
9         ob2=o2;
10        ob3=o3;
11    }
12    void print(){
13        System.out.println("The type of A is:"+ob1.getClass().getName());
14        System.out.println("The type of B is:"+ob2.getClass().getName());
15        System.out.println("The type of C is:"+ob3.getClass().getName());
16    }
17    A get1(){
18        return ob1;
19    }
20    B get2(){
21        return ob2;
22    }
23    C get3(){
24        return ob3;
25    }
26 }
27 class GenerMain{
28     public static void main(String args[]){
29         Scanner ss=new Scanner(System.in);
30         System.out.println("Enter a character:");
31         char c=ss.next().charAt(0);
32         Gener<Character,Boolean,String> ob=new Gener<Character,Boolean,String>(c,true,"yes");
33     }
34 }
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12 void print(){
13     System.out.println("The type of A is:"+ob1.getClass().getName());
14     System.out.println("The type of B is:"+ob2.getClass().getName());
15     System.out.println("The type of C is:"+ob3.getClass().getName());
16 }
17 A get1(){
18     return ob1;
19 }
20 B get2(){
21     return ob2;
22 }
23 C get3(){
24     return ob3;
25 }
26 }
27 class GenerMain{
28     public static void main(String args[]){
29         Scanner ss=new Scanner(System.in);
30         System.out.println("Enter a character:");
31         char c=ss.next().charAt(0);
32         Gener<Character,Boolean,String> ob=new Gener<Character,Boolean,String>(c,true,"yes");
33         ob.print();
34         char x = ob.get1();
35         System.out.println("value: " + x);
36         boolean y = ob.get2();
37         System.out.println("value: " + y);
38         String s=ob.get3();
39         System.out.println("value: " + s);
40     }
41 }
```

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C:\Program Files\Java\bin\basic>javac MPgenerics.java

C:\Program Files\Java\bin\basic>java GenerMain
Enter a character:
r
The type of A is:java.lang.Character
The type of B is:java.lang.Boolean
The type of C is:java.lang.String
value: r
value: true
value: yes

C:\Program Files\Java\bin\basic>
```