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1BM19BT005

LAB TEST-PROGRAM 1: Write a program to demonstrate generics with multiple 3 type parameters.

```java
import java.util.*;
class threeGen<a,b,c>{

   a obj1;

   b obj2;

   c obj3;


  threeGen(a obj1, b obj2, c obj3)

  {

     this.obj1 = obj1;

     this.obj2 = obj2;

     this.obj3 = obj3;

  }

  void Display()

  {

     System.out.println("Type of a is " +obj1.getClass().getName());

     System.out.println("Value: "+obj1);

     System.out.println("Type of b is " +obj2.getClass().getName());

     System.out.println("Value: "+obj2);

     System.out.println("Type of b is " +obj1.getClass().getName());

     System.out.println("Value: "+obj3);

  }


}
public class tpractice1{

   public static void main(String args[])

   {

      Scanner sc=new Scanner(System.in);
```

```java
        System.out.println("Enter a string,integer and character\n");

        String str=sc.nextLine();

        int num=sc.nextInt();

        char ch=sc.next().charAt(0);

        threeGen<String,Integer,Character>threeG1 = new
threeGen<String,Integer,Character>(str,num,ch);

        threeG1.Display();


    }
}
```
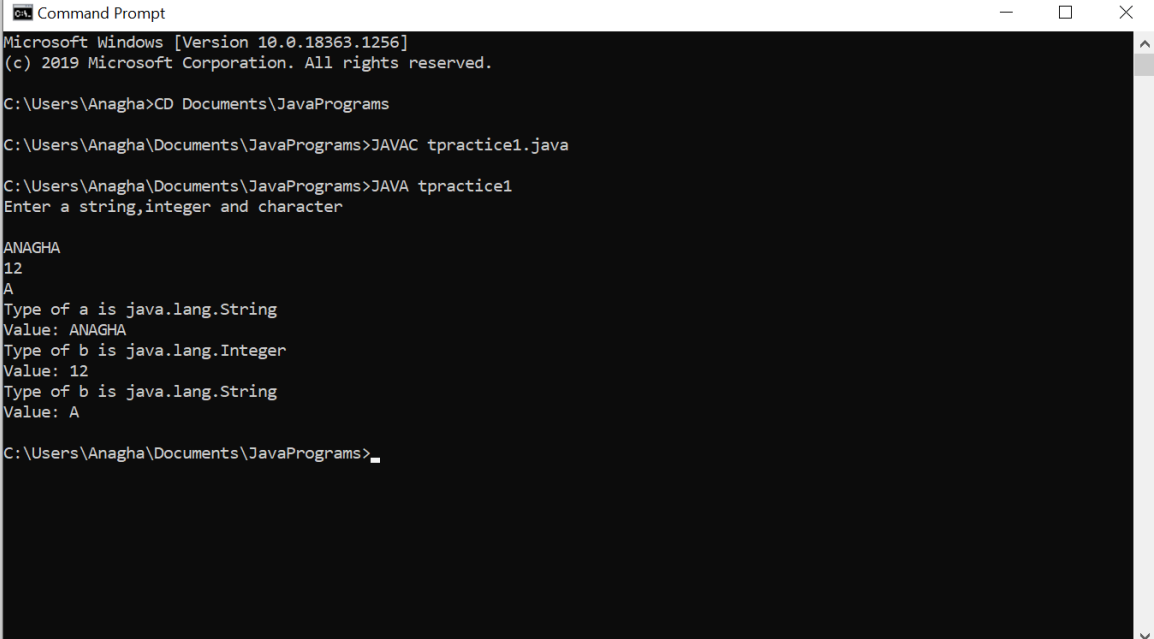

Command Prompt

```
Microsoft Windows [Version 10.0.18363.1256]
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C:\Users\Anagha>CD Documents\JavaPrograms

C:\Users\Anagha\Documents\JavaPrograms>JAVAC tpractice1.java

C:\Users\Anagha\Documents\JavaPrograms>JAVA tpractice1
Enter a string,integer and character

ANAGHA
12
A
Type of a is java.lang.String
Value: ANAGHA
Type of b is java.lang.Integer
Value: 12
Type of b is java.lang.String
Value: A

C:\Users\Anagha\Documents\JavaPrograms>_
```